OPEL ASTRA

Infotainment System

Wir leben Autos.

2013 Opel Astra Infotainment System

Infotainment System 3

Introduction 3
Infotainment 3
Theft-Deterrent Feature 3
Overview (Radio Without Navigation) 3
Overview (Radio with Navigation) 11

Radio 21
AM-FM Radio (Without Navigation) 21
AM-FM Radio (With Navigation) 26
Radio Reception 31
Fixed Mast Aerial 32
Diversity Antenna System 32
Multi-Band Antenna 32

Audio Players 33
CD Player (Without Navigation) 33
CD Player (With Navigation) ... 35
Auxiliary Devices (Without Navigation) 39
Auxiliary Devices (With Navigation) 42

Navigation 47
Using the Navigation System 47
Maps 49
Navigation Symbols 50
Destination 52
Configure Menu 61
Global Positioning System (GPS) 66
Vehicle Positioning 67
Problems with Route Guidance 68
If the System Needs Service 68
Map Data Updates 68
Database Coverage Explanations 68

Voice Recognition 69

Phone 69
Bluetooth (Overview) 69
Bluetooth (Infotainment Controls) 72
Bluetooth (Voice) 77

Trademarks and Licence Agreements 88

Index i-1

Introduction

Infotainment

The names, logos, emblems, slogans, vehicle model names, and vehicle body designs appearing in this manual including, but not limited to GM, the GM logo, Opel, the Astra, and the Astra Emblem are registered trademarks and/or service marks of General Motors LLC, its subsidiaries, affiliates, or licensors.

The information in this manual supplements the owner's handbook.

This manual describes features that may or may not be on your specific vehicle either because they are options that you did not purchase or due to changes subsequent to the printing of this infotainment manual.

Please refer to the purchase documentation relating to your specific vehicle to confirm each of the features found on your vehicle.

Keep this manual with the owner's handbook in the vehicle, so it will be there if it is needed. If the vehicle is sold, leave this manual in the vehicle.

Theft-Deterrent Feature

The theft-deterrent feature works by teaching a portion of the Vehicle Identification Number (VIN) to the infotainment system. The infotainment system does not operate if it is stolen or moved to a different vehicle.

Overview (Radio Without Navigation)

Read the following pages to become familiar with the audio system's features.

⚠ WARNING

Taking your eyes off the road for extended periods could cause a crash resulting in injury or death to you or others. Do not give extended attention to infotainment tasks while driving.

The infotainment system provides access to many audio and non-audio listings.

To minimise taking your eyes off the road while driving, do the following while the vehicle is parked:

- Become familiar with the operation and controls of the audio system.

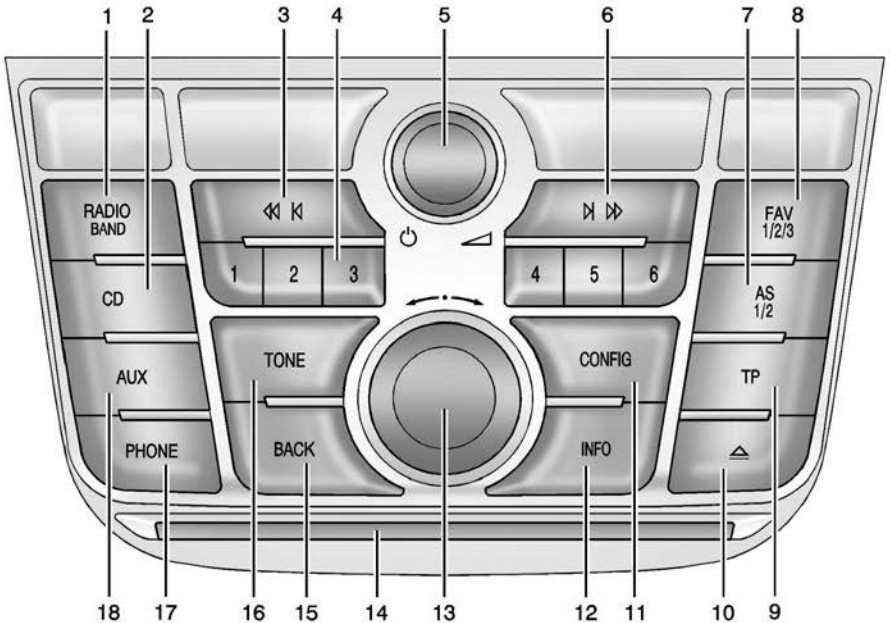
- Set up the tone, speaker adjustments and preset radio stations.

For more information, see “Defensive Driving” in the owner's handbook.

Notice: **Contact your dealer before adding any equipment.**

Adding audio or communication equipment could interfere with the operation of the engine, radio, or other systems, and could damage them.

The vehicle has Retained power off. With Retained power off, the audio system can be played even after the ignition is turned off.



Radio Without Navigation

1. RADIO/BAND
2. CD
3. ⏮ (Seek Up)
4. Preset Buttons 1-6
5. ⏻ / 🔊 (Power/Volume)
6. ⏭ (Seek Down)
7. AS 1/2 (Autostore)
8. FAV 1/2/3 (Favourites)
9. TP (Traffic Program, If Available)
10. ⏏ (Eject)
11. CONFIG (Configuration)
12. INFO (Information)
13. ← • → (Tune/Menu)
14. CD Slot
15. BACK
16. TONE
17. PHONE
18. AUX (Auxiliary)

Controls

The buttons on the faceplate are used to start primary functions while using the infotainment system.

Turning the System On or Off

⏻ / 🔊 (Power/Volume): Press to turn the system on and off.

Automatic Switch-Off

If the infotainment system has been turned on after the ignition is turned off, the system will turn off automatically after 10 minutes.

Volume Control

⏻ / 🔊 (Power/Volume): Turn to adjust the volume.

PHONE: Press and hold PHONE to mute the infotainment system. Press and hold PHONE again, or turn the ⏻ / 🔊 knob to cancel mute.

Menu System

Controls

← • → and the BACK button are used to navigate the menu system.

← • → **:** Press to:

- Select or activate the highlighted menu option.
- Confirm a set value.
- Turn a system setting on or off.

Turn to:

- Enter the menu system.
- Highlight a menu option.
- Select a value.

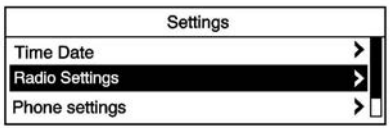
BACK: Press to:

- Exit a menu.
- Return from a submenu screen to the previous menu screen.
- Delete the last character in a sequence.

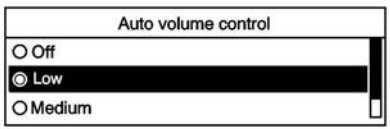
Selecting a Menu Option

1. Turn ↩•↪ to move the highlighted bar.
2. Press ↩•↪ to select the highlighted option.

Submenus



An arrow on the right-hand edge of the menu indicates that it has a submenu with other options.



Activating a Setting

1. Turn ↩•↪ to highlight the setting.
2. Press ↩•↪ to activate the setting.

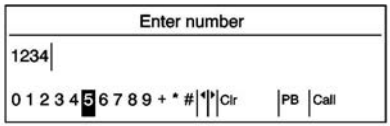
Setting a Value

1. Turn ↩•↪ to change the current value of the setting.
2. Press ↩•↪ to confirm the setting.

Turning a Function On or Off

1. Turn ↩•↪ to highlight the function.
2. Press ↩•↪ to turn the function on or off.

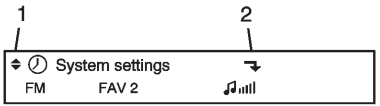
Entering a Character Sequence

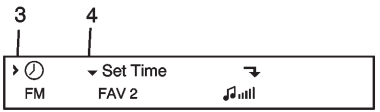


1. Turn ↩•↪ to highlight the character.
2. Press ↩•↪ to select the character.

Press the BACK button to delete the last character in the sequence or press and hold to delete the entire character sequence.

Operation





1. The up and down arrows indicate that the main menu is active.
2. The angled arrow indicates that a submenu with more options is available.
3. A single right arrow indicates that the first submenu level is active. Two right arrows indicate that the second submenu level is active.
4. The down arrow indicates that more options are available in the current menu.

Audio Settings

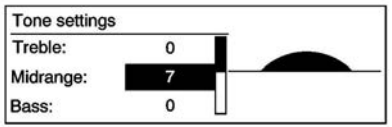
The audio settings can be set for each radio band and each audio player source.

To quickly reset an audio setting value to 0:

1. Press the TONE button.
2. Select the audio setting.
3. Press and hold ← • → until the value changes to 0.

Press the BACK button to go back to the Tone Settings menu.

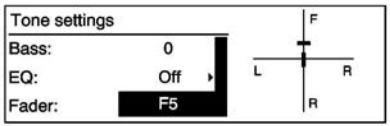
Adjusting the Treble, Midrange, and Bass

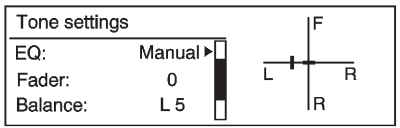


1. Press the TONE button.
2. Select Treble, Midrange, or Bass.
3. Select the value.

Press the BACK button to go back to the Tone Settings menu.

Adjusting the Fader and Balance





1. Press the TONE button.
2. Select Fader or Balance.
3. Select the value.

Press the BACK button to go back to the Tone Settings menu.

Adjusting the EQ (Equaliser)

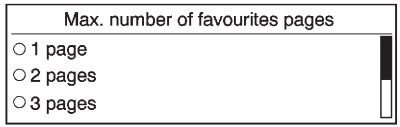
For vehicles that have an equaliser:

1. Press the TONE button.
2. Select EQ.
3. Select the setting.

Press the BACK button to go back to the Tone Settings menu.

System Settings

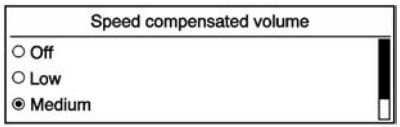
Configuring the Number of Favourite Pages



To configure the number of available favourite pages:

1. Press the CONFIG button.
2. Select Radio Settings.
3. Select Radio Favourites.
4. Select the number of available favourite pages.
5. Press the BACK button to go back to the previous menu.

Speed Compensation Volume

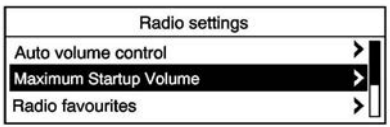


The Speed Compensation Volume feature automatically adjusts the radio volume to compensate for road and wind noise as the vehicle speeds up or slows down, so that the volume level is consistent.

The level of volume compensation can be selected, or the auto volume feature can be turned off.

1. Press the CONFIG button.
2. Select Radio Settings.
3. Select Speed compensation volume.
4. Select the setting.
5. Press the BACK button to go back to the previous menu.

Maximum Startup Volume



The maximum volume played when the radio is first turned on can be set.

1. Press the CONFIG button.
2. Select Radio Settings.
3. Select Maximum startup volume.
4. Select the setting.
5. Press the BACK button to go back to the previous menu.

Overview (Radio with Navigation)

The navigation system includes navigation and audio functions.

All functions are available when the vehicle is parked. Do the following before driving:

- Become familiar with the navigation system operation and the buttons and knobs on the faceplate of the navigation system.
- Set up the navigation features, such as entering an address.
- Set up phone numbers in advance so they can be called easily by pressing a single button for navigation systems equipped with phone capability.

⚠ WARNING

Taking your eyes off the road too long or too often while using the navigation system could cause a crash and you or others could be injured or killed. Focus your attention on driving and limit glances at the moving map on the navigation screen. Use voice guidance directions whenever possible.

Use the navigation system to:

- Plan a route.
- Select a destination using various methods and choices.
- Follow turn-by-turn route and map guidance with voice prompts, only if permitted by traffic laws, controls, and conditions.

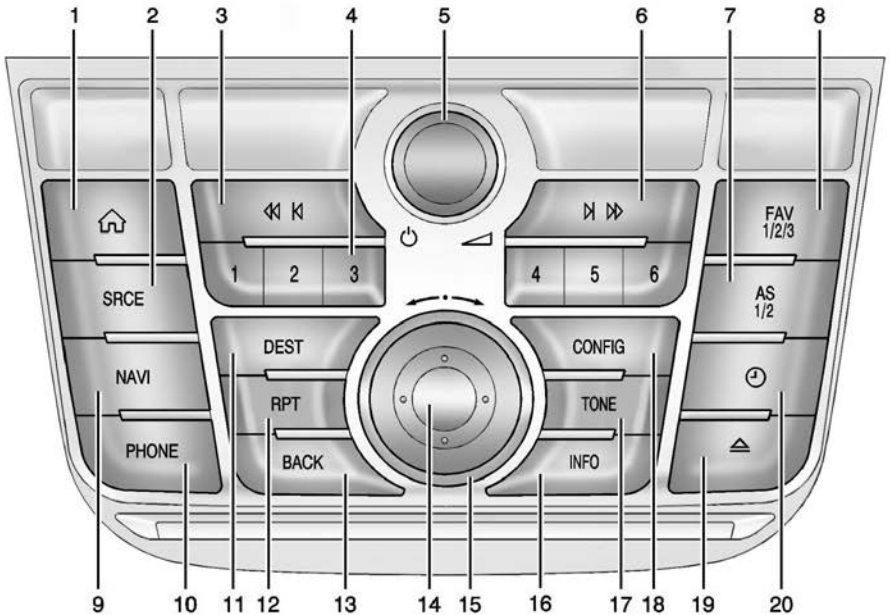
Always be alert and obey traffic and road laws and instructions, regardless of the guidance from the navigation system. Because the navigation system uses street map information that does not include all traffic restrictions or the latest road changes, it may suggest using a road that is now closed for construction work or a turn that is prohibited by signs at a crossroads. Always evaluate whether following the system's directions are safe and legal for the current conditions.

When the navigation system is turned on, a screen may appear with information that must be read and acknowledged before accessing some navigation features.

After acknowledging the start-up information, the NAV (Navigation) and DEST (Destination) functions are accessible. Information can now be entered or deleted, and other functions accessed. See instructions later in this section.

When getting started, set your preferences or delete information in the navigation system using various options.

See “Navigation Control Buttons” under *Using the Navigation System on page 47*.



Radio with Navigation

1. (Home)
2. SRCE (Source)
3. (Seek Up)
4. Preset Buttons 1-6
5. / (Power/Volume)
6. (Seek Down)
7. AS 1/2 (Autostore)
8. FAV 1/2/3 (Favourites)
9. NAVI (Navigation)
10. PHONE
11. DEST (Destination)
12. RPT (Repeat)
13. BACK
14. Inner Rocker Knob
15. (Tune/Menu)
16. INFO (Information)
17. TONE
18. CONFIG (Configuration)
19. CD Slot
20. (Eject)
21. (Clock)

Infotainment Control Buttons

The buttons on the faceplate are used to start primary functions while using the infotainment system.

(Home): See "Home Page" following in this section.

SRCE (Source): Press to change the audio sources such as AM-FM Radio, CD, and AUX.

(Seek Up):

1. Press to seek the next track.
2. Press and hold to fast forward through a track.
3. Release the button to return to playing speed. See *CD Player (Without Navigation) on page 33* or *CD Player (With Navigation) on page 35*.
4. For AM or FM, press to seek to the next strong station.

Preset Buttons (1-6): The preset buttons numbered one through six can be used to select stored AM or FM stations.

/ (Power/Volume):

1. Press to turn the system on and off.
2. Turn to adjust the volume.

(Seek Down):

1. Press to seek to the beginning of the current or previous track. If the track has been playing for less than five seconds, it seeks the previous track. If longer than five seconds, the current track starts from the beginning.

2. Press and hold to quickly reverse through a track. Release the button to return to playing speed. See *CD Player (Without Navigation) on page 33* or *CD Player (With Navigation) on page 35*.
3. For AM or FM, press to seek to the previous strong station.

AS 1/2 (Autostore): Autostore searches and stores FM and AM stations with the strongest signal.

FAV 1/2/3 (Favourite): Press to display the current page number above the preset buttons. The stored stations for each list display on the preset buttons at the bottom of the screen. The number of preset FAV lists can be changed in the Configuration Menu.

NAVI (Navigation):

1. Press to view the vehicle's current position on the map screen.
2. Continue pressing to cycle through the full map and split screens.

PHONE: See *Bluetooth (Overview) on page 69* or *Bluetooth (Infotainment Controls) on page 72* or *Bluetooth (Voice) on page 77*.

DEST (Destination):

1. Press to enter a destination.
2. If a destination has already been entered, press to access the Destination Menu. See *Destination on page 52*.

RPT (Repeat): Press to repeat the last voice guidance prompt.

BACK: Press to return to the previous screen in a menu.

If on a page accessed directly by a faceplate button or Home Page screen button, pressing BACK will go to the homepage.

Inner Rocker Knob: Move the rocker knob in different directions to navigate through the map display only.

(Tune/Menu): Turn to highlight a feature. Press the outer chrome ring to activate the highlighted feature.

Toggle the inner directional rocker knob to navigate through a map display only.

INFO (Information): Press to toggle through an audio or navigation information screen.

TONE: Press to access the sound menu screen to adjust bass, midrange, and treble. See *AM-FM Radio (Without Navigation) on page 21* or *AM-FM Radio (With Navigation) on page 26*.

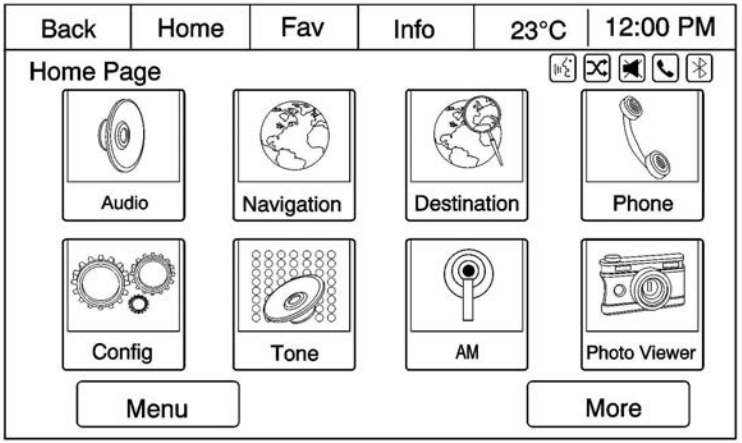
CONFIG (Configure): Press to adjust features for radio, navigation, display, phone, vehicle, and time. See *Configure Menu on page 61*.

(Eject): Press to eject a disc from the CD player. See *CD Player (Without Navigation) on page 33* or *CD Player (With Navigation) on page 35*.

(Clock): If available for this region, press to receive radio traffic service stations that broadcast traffic news.

Home Page

The navigation system displays a home page that makes accessing many of the features an easy process. To select a feature on the home page, turn the (Tune/Menu) knob until a feature is highlighted, then press the outer ring of the knob to confirm the selection.



Back: If on page two or three of the Home Page, select Back to return to page one of the Home Page. If on page one, Back serves no function.

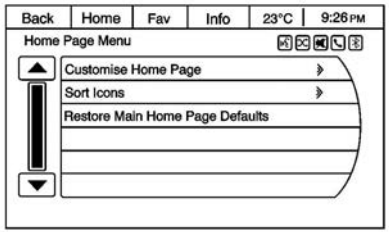
Home: While navigating through other menus, select to go back to the Home Page to start a different feature.

Fav: Select to display a page of stored (favourite) AM or FM stations. Turn the ⟵•⟶ knob to scroll through the favourite pages.

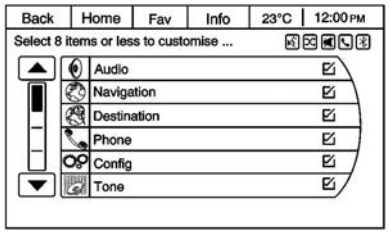
Info: Select to toggle through an audio or a navigation information screen.

Menu: Select to go to the Home Page Menu.

More: Select to cycle through available Home Pages.



The Home Page Menu lists the options Customise Home Page, Sort Icons, and Restore Main Home Page Defaults.



Out of all available Home Page icons, up to eight icons can be selected and sorted for the first Home Page screen.

Home Page Features

Various functions are disabled when the vehicle is moving.

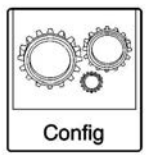
Select the Now Playing screen button to display the active source page. The sources available are AM, FM, CD, USB/iPod, and AUX.

See *AM-FM Radio (Without Navigation) on page 21* or *AM-FM Radio (With Navigation) on page 26*, *CD Player (Without Navigation) on page 33* or *CD Player (With Navigation) on page 35*, *Auxiliary Devices (Without Navigation) on page 39* or *Auxiliary Devices (With Navigation) on page 42*, and *Configure Menu on page 61*.

Select the Navigation screen button to display a map of your current vehicle position. See *Using the Navigation System on page 47*, *Maps on page 49*, *Navigation Symbols on page 50*, and *Configure Menu on page 61*.

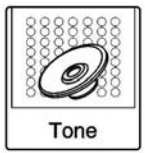
Select the Destination screen button to display the Destination Entry home page or the Destination Menu. The available screen buttons provide easy access to a variety of ways to enter a destination. See *Destination on page 52*.

If the vehicle is equipped with a Universal Handsfree Phone (UHP) system, the phone icon will show on the Home Page. Press the Phone screen button to display the phone main page. See *Bluetooth (Overview) on page 69* or *Bluetooth (Infotainment Controls) on page 72* or *Bluetooth (Voice) on page 77*

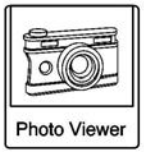


Select the Config screen button to display the Config main page. From this display, you can adjust features such as time and date, radio,

phone, navigation, vehicle, and display. See *Configure Menu on page 61*.



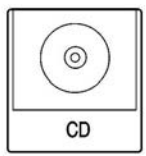
Select the Tone screen button to display the Tone main page. Adjust the tone and speakers by turning the ↼•⇀ (Tune/Menu) knob to highlight the screen buttons, then press the outer ring of the ↼•⇀ knob to change the levels of sound for treble, midrange, bass, fade, and balance. See *AM-FM Radio (Without Navigation) on page 21* or *AM-FM Radio (With Navigation) on page 26*.



Select the Viewer screen button to view pictures on your USB drive or SD card. Pictures on the SD card can only be viewed through a USB adapter.

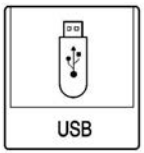
Select the FM screen button to display the FM main page and play the current or last tuned FM station. See *AM-FM Radio (Without Navigation) on page 21* or *AM-FM Radio (With Navigation) on page 26*.

Select the AM screen button to display the AM main page and play the current or last tuned AM station. See *AM-FM Radio (Without Navigation) on page 21* or *AM-FM Radio (With Navigation) on page 26*.



Select the CD screen button to display the CD main page and play the current or last CD track selected. See *CD Player (Without Navigation) on page 33* or *CD Player (With Navigation) on page 35*.

Select the iPod screen button to display the iPod main page and play the current or last track selected. See *Auxiliary Devices (Without Navigation) on page 39* or *Auxiliary Devices (With Navigation) on page 42*. The iPod icon will only show on the Home Page if an iPod is connected to the USB slot.



Select the USB screen button to display the USB main page and play the current or last track selected. See *Auxiliary Devices (Without Navigation) on page 42* or *Auxiliary Devices (With Navigation) on page 42*.

Select the AUX screen button to access any connected auxiliary device. See *Auxiliary Devices (Without Navigation) on page 39* or *Auxiliary Devices (With Navigation) on page 42*.

Languages

To change the display language, see “Vehicle Personalisation in the owner's handbook.

The vehicle supports English.

English and Metric Unit Conversion

To change the display readings between English and metric units, see “Driver Information Centre (DIC)” in the owner's handbook.

Deleting Personal Information

The navigation system can store destinations and personal information such as names and addresses.

At times, such as when selling or disposing of your vehicle, you may want to delete this information:

- Address Book
- Previous Destinations
- Home Address (user configurable)
- Favourite Routes

Cleaning the Display

Notice: **Using abrasive cleaners when cleaning glass surfaces could scratch the glass. Use only a soft cloth and do not spray cleaner directly on the system as it could affect the mechanical parts.**

Do not wipe the panel with a hard cloth or use a volatile liquid such as paint thinner; it could scratch the surface or erase the characters on the buttons.

Radio

AM-FM Radio (Without Navigation)

Playing the Radio

Audio Source

The buttons used to control the radio are:

RADIO/BAND: Press to turn the radio on and choose between AM and FM.

: Press and turn to navigate the available menus.

TUNE: Turn to search for stations.

INFO: Press to display additional information that may be available for the current song.

: Press to search for the previous station.

: Press to search for next station.

FAV: Press to open the favourites list.

Preset Buttons 1-6: Press to select preset stations.

RDS (Radio Data System)

The radio may have RDS. The RDS feature is available for use only on FM stations that broadcast RDS information. This feature only works when the information from the radio station is available. In rare cases, a radio station could broadcast incorrect information that causes the radio features to work improperly. If this happens, contact the radio station.

While the radio is tuned to an FM-RDS station, the station name or call letters display.

To configure RDS:

1. Press the CONFIG button.
2. Select Radio settings and then RDS options.
3. Press to turn RDS on or off.
4. Press the BACK button to go back to the previous menu.

RDS-scrolling text

Stations broadcasting RDS will hide the program name to display additional information. To prevent additional information being displayed:

1. Press the CONFIG button.
2. Select RDS-Text scroll freeze.
3. Press ↼•⇀ to turn on or off.
4. Press the BACK button to go back to the previous menu.

Radio Menus

Radio menus are available for AM and FM.

Turn ↼•⇀ to open the main radio menu for that frequency.

Selecting a Band

Press the RADIO/BAND button to choose AM or FM. The last station that was playing starts playing again.

Selecting a Station

Seek Tuning

If the radio station is not known:

Briefly press ⏮ ⏭ to automatically search for the previous or next available station. If a station is not found, the radio switches to a more sensitive search level. If a station still is not found, the frequency that was last active begins to play.

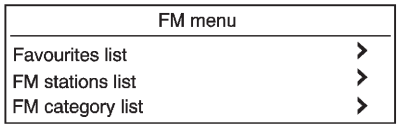
If the radio station is known:

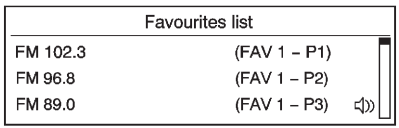
Press and hold ⏮ ⏭ until the station on the display is reached, then release the button.

Manual Tuning

Turn ↼•⇀ to select the frequency on the display.

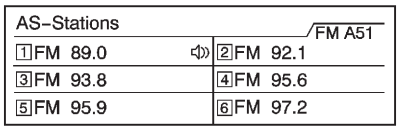
Favourites List





1. Turn ↼•⇀.
2. Select Favourites List.
3. Select the station.
4. Press the BACK button to go back to the previous menu.

Autostore lists



On vehicles equipped, the stations with the best reception can be searched and stored automatically using the autostore function.

Each band (AM and FM) has two autostore lists with each holding six stations.

To store the 12 strongest stations in the current band, press the AS 1/2 button until the autostore menu is displayed. The 12 strongest stations will be stored in the two autostore lists.

The correctly received station is marked by .

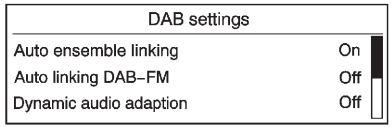
To store a station manually, press the AS 1/2 button to display the autostore list. Then press the corresponding station button 1 to 6 until a confirmation message is displayed. Manually stored buttons are overwritten in an automatic station store process.

To retrieve an autostore station, press the AS 1/2 button until the autostore menu displays. Press desired button 1 to 6 to open the station.

If no station list has been created, the system performs an automatic station search when the autostore list is displayed.

If the stations stored in the autostore list cannot be received, an auto search will update the FM autostore list. Once complete, the radio will begin playing the last station played. To stop the search, press .

Digital Audio Broadcasting



Digital Audio Broadcasting (DAB) is available on some stations and is indicated when the station name is displayed and not the frequency.

DAB stations can broadcast several different programs on a single frequency.

Configuring DAB

To configure DAB options:

1. Press the CONFIG button.
2. Select Radio settings and then DAB settings.

The following options will be available:

- Auto Ensemble Linking
- Auto Linking DAB-FM

- Dynamic Audio Adaption
- Frequency band

Auto Ensemble Linking

If enabled, this feature switches to the same programming on another DAB frequency when the signal is too weak.

To enable this feature:

1. Press ←•→.
2. Select DAB settings.
3. Select Auto ensemble linking and select On or Off.
4. Press the BACK button to go back to the previous menu.

Auto Linking DAB-FM

If enabled, this feature switches to a corresponding FM station of the active DAB service when the signal is too weak.

To enable this feature:

1. Press ←•→.
2. Select DAB settings.
3. Select Auto linking DAB-FM and select On or Off.
4. Press the BACK button to go back to the previous menu.

Dynamic Audio Adaption

This feature allows the loud sounds to be reduced but not the quiet sounds.

To enable this feature:

1. Press ←•→.
2. Select DAB settings.
3. Select Dynamic Audio Adaption and select On or Off.
4. Press the BACK button to go back to the previous menu.

Frequency band

This feature will set the DAB frequencies that are received by the infotainment system.

To set the frequencies:

1. Press ←•→.
2. Select DAB settings.
3. Select Frequency band and select the frequency.
4. Press the BACK button to go back to the previous menu.

DAB+ stations are not supported by the DAB receiver.

Storing a Station as a Favourite

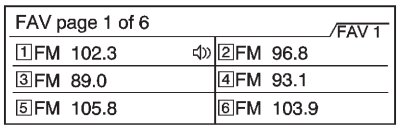
Stations from all bands can be stored in any order in the favourite pages.

Up to six stations can be stored in each favourite page and the number of available favourite pages can be set.

Storing Stations

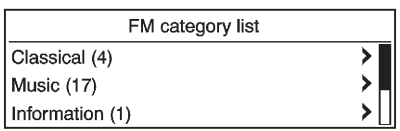
To store the station to a position in the list, press the corresponding button 1 to 6 until a beep is heard.

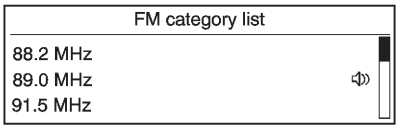
Retrieving Stations



Press the FAV button to open a favourite page or to switch to another favourite page. Briefly press one of the 1 to 6 buttons to retrieve the station.

Category Lists





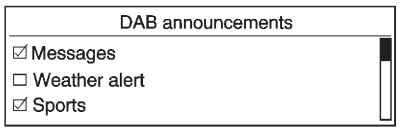
Stations broadcasting RDS also broadcast a PTY code, which specifies the type of programming (e.g. news). Some stations also change the PTY code depending on the content currently being transmitted. The system stores the RDS stations sorted by programme type in the FM category list.

To search for a programming type determined by station:

1. Press ←•→.
2. Select FM category list. A list of all available programming types is displayed.
3. Turn ←•→ to select the programming type. A list of stations that transmit programming of the selected type displays.
4. Press ←•→ to select the station.

   The category lists are updated when the station lists are updated.
5. Press the BACK button to go back to the previous menu.

DAB announcement categories



DAB stations broadcast various announcement categories. To activate the announcement categories:

1. Press ←•→.
2. Turn ←•→ to select DAB menu. Select DAB announcements
3. Press ←•→ to select DAB announcements categories.

4. Press the BACK button to go back to the previous menu.

AM-FM Radio (With Navigation)

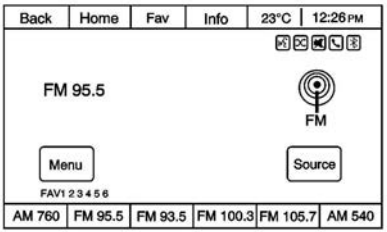
Playing the Radio

Audio Source

⏻ / / (Power/Volume):

1. Press to turn the radio on or off.
2. Turn to increase or decrease the volume of the active audio source (i.e., current audio source, active navigation voice guidance, or traffic prompts).

The steering wheel controls can also be used to adjust the volume. See “Steering Wheel Controls” in the owner's handbook.



To access the radio main page, do one of the following:

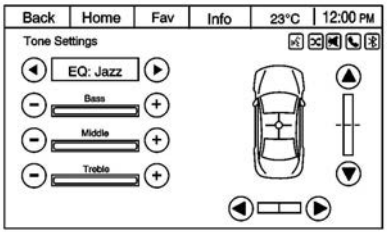
- Press the SRCE button on the faceplate.
- Turn the (Tune/Menu) knob to highlight the Now Playing screen button on the Home Page, then press the outer ring of the knob to confirm the selection.
- Turn the knob to highlight one of the audio screen buttons on the Home Page, then press the outer ring of the knob to confirm the selection.

While on the audio main page, press the SRCE button repeatedly to display and cycle through the available sources (AM, FM, CD, USB/iPod, and AUX).

Navigation Audio System

Tone Settings

To access the tone settings, select the Home Page Tone button or the TONE button on the faceplate.



Use the tone settings to adjust the following features:

- Setting the tone
- Adjusting the speakers

Setting the Tone

To adjust the tone:

- Treble: Select + or − to change the level.
- Middle (Midrange): Select + or − to change the level.
- Bass: Select + or − to change the level.

Adjusting the Speakers

To adjust the speaker balance:

- Turn the ←•→ knob to highlight L (Left) on the bottom. Press the outer ring of the ←•→ knob for more sound from the left speakers. Turn the ←•→ knob to highlight R (Right) on the bottom. Press the outer ring of the ←•→ knob for more sound from the right speakers. The middle position balances the sound between the left and right speakers.

To adjust the speaker fade:

- Turn the ←•→ knob to highlight F (Front). Press the outer ring of the ←•→ knob for more sound from the front speakers. Turn the ←•→ knob to highlight R (Rear). Press the outer ring of the ←•→ knob for more sound from the rear speakers. The middle position balances the sound between the front and rear speakers.

EQ Settings

The EQ settings are selected through the tone menu. Select the left or right arrows to cycle through the EQ options. The available choices are Pop, Rock, Jazz, Classical, and Talk.

Finding a Station

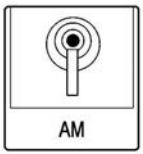
To select the band, see “Audio Source” earlier in this section.

Turn the ←•→ knob to find a radio station. To select a preset station, press the corresponding preset button.

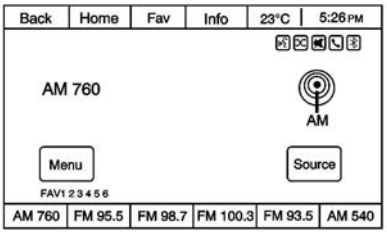
Seeking a Station

Press ⏮ or ⏭ to search for a station.

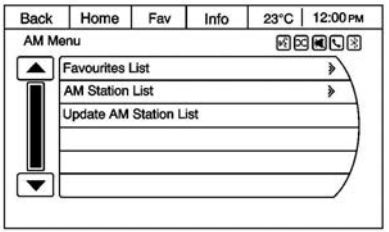
AM



1. Select the AM screen button on the Home Page or select AM from the source pop-up to display the AM main page.



2. From the AM screen, press the outer ring of the ↩•↪ knob to display the menu options.



3. While at the AM Menu display, turn the ↩•↪ knob, then press the outer ring of the ↩•↪ knob to select the desired option.

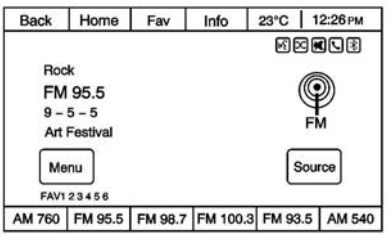
Favourites List: Select to display a list of favourite preset stations.

AM Station List: Select to display the AM station list.

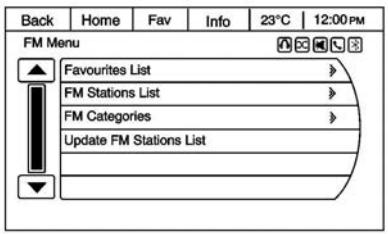
Update AM Station List: Select to start a search for the strongest stations in your area to populate the AM Station List.

FM

1. Select the FM screen button on the Home Page or select FM from the source pop-up to display the FM main page.



2. From the FM screen, turn the knob to highlight the Menu screen button. Press the outer ring of the knob to display the menu options.



3. While at the FM Menu display, turn the knob, then press the outer ring of the knob to select the desired option.

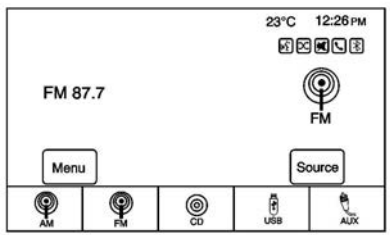
Favourites List: Select to display a list of favourite preset stations.

FM Stations List: Select to display the FM station list.

Update FM Stations List: Select to start a search for the strongest stations in your area to populate the FM Stations List.

Changing the Sources

To change audio sources from any of the audio main pages (AM, FM, CD, USB/iPod, or AUX), press the SRCE button on the faceplate repeatedly to change the desired source.



Storing Radio Station Presets

Up to 36 preset stations can be stored. AM and FM, can be mixed.

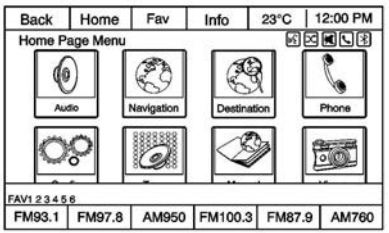
To store a preset, do the following:

1. Press and hold a preset button on the faceplate to store the currently active station. After a few seconds, a beep will be heard and the new preset information will display on a small pop-up display at the bottom of the screen.
2. Repeat the steps for each preset.

To change the number of preset pages, see “Mixed-Band Presets” following.

Recalling a Preset Station

To recall a preset station from a FAV page, do the following:



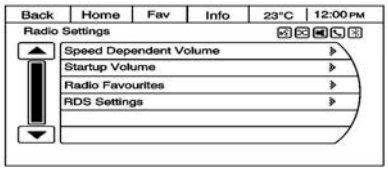
- Press the FAV button on the faceplate to display the FAV pop-up.
- To select a preset, press the desired preset button on the faceplate.

Mixed-Band Presets

Each page can store six preset stations. The presets within a page can be from different radio bands.

To scroll through the pages, press the FAV button on the faceplate. The current page number displays above the preset buttons. The stored stations for each FAV page display on the preset buttons at the bottom of the screen. The number of FAV pages displayed can be changed in the Radio Settings in the Configuration Menu.

Radio Data System (RDS)



Radio Settings

From the Configuration menu, select Radio Settings. Select RDS Settings to display RDS options.

The audio system has a Radio Data System (RDS). RDS features are available for use only on FM stations that broadcast RDS information. With RDS, the radio can:

- Seek to stations broadcasting the selected type of programming.
- Receive announcements concerning local and national emergencies.
- Display messages from radio stations.

This system relies on receiving specific information from these stations and only works when the information is available. In rare cases, a radio station could broadcast incorrect information that causes the radio features to work improperly. If this happens, contact the radio station.

The RDS system can be turned on or off. When information is broadcast from the current FM station, the station name or call letters display on the audio screen. RDS can provide a program type (PTY) for current programming and the name of the program being broadcast.

Radio Reception

Frequency interference and static can occur during normal radio reception if items such as mobile phone chargers, vehicle convenience accessories, and external electronic devices are plugged into the accessory power outlet. If there is interference or static, unplug the item from the accessory power outlet.

FM

FM signals only reach about 16 to 65 km (10 to 40 mi). Although the radio has a built-in electronic circuit that automatically works to reduce interference, some static can occur, especially around tall buildings or hills, causing the sound to fade in and out.

AM

The range for most AM stations is greater than for FM, especially at night. The longer range can cause station frequencies to interfere with each other. Static can occur when

things like storms and power lines interfere with radio reception. When this happens, try reducing the treble on the radio.

Mobile Phone Usage

Mobile phone usage can cause interference with the vehicle's radio.

Fixed Mast Aerial

The AM-FM aerial is located on the roof of the vehicle.

Driving through an automatic car wash without removing the aerial could damage it.

To remove the aerial, turn it anticlockwise. To replace the aerial, turn it clockwise until hand tightened.

Diversity Antenna System

The AM-FM antenna is a hidden self-tuning system. It optimises the AM and FM signals relative to the vehicle's position and radio station source. No maintenance or adjustments are needed.

Multi-Band Antenna

The multi-band antenna is on the roof of the vehicle. The antenna is used for the AM-FM radio and GPS (Global Positioning System), if the vehicle has these features. Keep the antenna clear of obstructions for clear reception.

Audio Players

CD Player (Without Navigation)

The CD player can play audio CDs and MP3 CDs.

The CD player will not play 8 cm (3 in) CDs.

Care of CDs

Sound quality can be reduced due to disc quality, recording method, quality of the music recorded, and disc handling. Handle discs carefully and store them in their original cases or other protective cases away from direct sunlight and dust. If the bottom surface of a disc is damaged, the disc may not play properly or at all. Do not touch the bottom surface of a disc while handling it; this could damage the surface. Pick up discs by grasping the outer edges or the edge of the hole and the outer edge.

If the bottom surface of a disc is dirty, take a soft lint-free cloth, or dampen a clean soft cloth in a mild neutral detergent solution mixed with water, and clean the surface. Wipe the disc from the centre to the outer edge.

Care of the CD Player

Do not add a label to a disc; it could get caught in the CD player. If a label is needed, write on the top of the recorded disc with a marking pen.

Do not use disc lens cleaners because they could contaminate the lens of the disc optics and damage the CD player.

Notice: **If a label is added to a CD, more than one CD is inserted into the slot at a time, or an attempt is made to play a scratched or damaged CD, the CD player could be damaged. While using the CD player, use only CDs in good condition without any label, load one CD at a time, and keep the CD player and the loading slot free of foreign materials, liquids, and debris.**

Control Buttons

The buttons used to control the CD player are:

CD: Press to use the CD player.

⏮ **or** ⏭ **:** Press to select tracks or to fast rewind or forward within a track.

INFO: Press to display additional information about the current track that may be available.

(Menu/Select): Turn to select tracks. Press to enter the CD menu and select items.

⏏ **(Eject):** Press to eject the disc.

Inserting a CD

With the printed side facing up, insert a disc into the CD slot until it is drawn in.

Removing a CD

Press the ⏏ button.

The disc is pushed out of the CD slot.

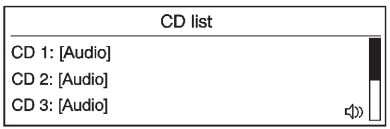
If the disc is not removed after it is ejected, it is pulled back in after a few seconds.

Playing a CD or MP3 CD

Press the CD button if there is a disc in the player; it begins playing.

Information about the disc and current track is shown on the display depending on the data stored.

Selecting a CD Track



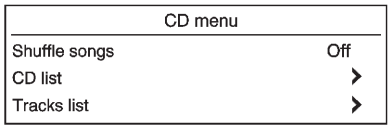
Using the control buttons:

- Press the ◁◁ or ▷▷ button to select the previous or next track.
- Turn the knob.

Using the CD Menu:

1. Press the knob.
2. Select Tracks list.
3. Select the track.

Playing Tracks in Random Order



Press the knob and then set Shuffle Songs to On.

Fast Forward and Rewind

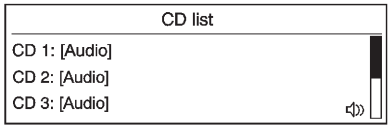
Press and hold ▷| ▷▷ or ◁◁ |◁ to fast forward or rewind within the current track.

Selecting an MP3 Track

Using the control buttons:

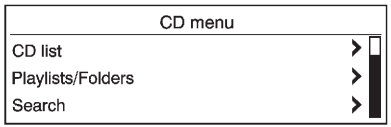
- Press the ◁◁ |◁ or ▷| ▷▷ button to select the previous or next track.
- Turn the knob.

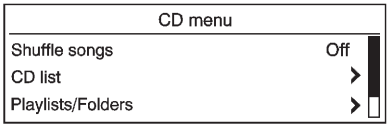
Using the CD Menu:



1. Press the knob.
2. Select Playlists/Folders.
3. Select the playlist or folder.
4. Select the track.

Searching for MP3 Tracks





The search feature may take some time to display the information after reading the disc due to the amount of information stored on the disc. FM automatically plays while the disc is being read.

Tracks can be searched by:

- Playlists
- Artists
- Albums
- Song Titles
- Genres
- Folder View

To search for tracks:

1. Press the ←•→ knob.
2. Select Search.
3. Select: Playlists, Artists, Albums, Song Titles, Genres, or Folder View.
4. Select the track.

CD Player (With Navigation)

The player can be used for CD and MP3 audio.

With the vehicle on, insert a disc into the slot, label side up. The player pulls it in and begins playing. While playing, the navigation system is available.

The system is capable of playing:

- Most audio CDs
- CD-R
- CD-RW
- MP3 or unprotected WMA formats

When playing any compatible recordable disc, the sound quality can be reduced due to disc quality, the method of recording, the quality of the music that has been recorded, or the way the disc has been handled.

There can be increased skipping, difficulty in recording tracks, difficulty in finding tracks, and/or difficulty in loading and ejecting. If these problems occur, check the disc for damage or try a known good disc.

To avoid damage to the CD player:

- Do not use scratched or damaged discs.
- Do not apply labels to discs. The labels could get caught in the player.
- Insert only one disc at a time.
- Keep the loading slot free of foreign materials, liquids, and debris.
- Use a marking pen to label the top of the disc.

Loading and Ejecting Discs

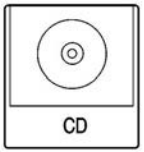
To load a disc:

1. Turn the vehicle on.
2. Insert a disc into the slot, label side up. The player pulls it in the rest of the way. If the disc is damaged or improperly loaded, there is an error and the disc ejects.

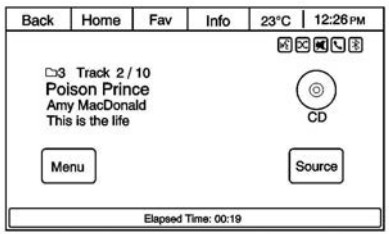
The disc automatically plays once loaded.

Press ⏏ to eject a disc from the CD player. If the disc is not removed within a short period of time, it is automatically pulled back into the player.

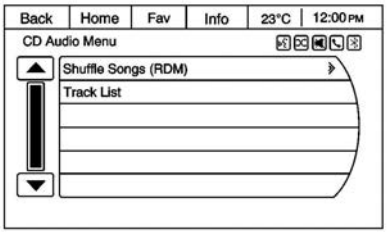
Playing an Audio CD



1. Select the CD screen button on the Home Page or cycle to the CD icon on the source pop-up by continuously pressing the Source screen button.



2. Press the outer ring of the ⟵•⟶ (Tune/Menu) knob to display the menu options.



3. Turn the ⟵•⟶ knob to highlight, then press the outer ring of the ⟵•⟶ knob to select the desired option.

On the CD main page a track number displays at the beginning of each track. Song, Artist, and Album information displays when available.

Use the following controls to play the disc:

(Seek Up):

- Press to seek to the next track.
- Press and hold to fast forward through a track. Release the button to return to playing speed. Elapsed time displays.

(Seek Down):

- Press to seek to the beginning of the current or previous track. If the track has been playing for less than five seconds, it seeks to the previous track. If longer than five seconds, the current track starts from the beginning.
- Press and hold to fast reverse through a track. Release the button to return to playing speed. Elapsed time displays.

(Tune/Menu): Turn to the right or left to select the next or previous track. Press the outer ring of the knob to select the menu. If a track is selected from the menu, the system plays the track and returns to the CD screen.

Playing an MP3 CD

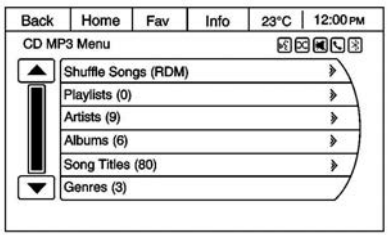
To play an MP3 CD, follow the same instructions as “Playing an Audio CD.”

The following guidelines must be met when creating an MP3 disc, otherwise the CD might not play:

- Sampling rate: 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, and 48 kHz.
- Bit rates supported: 8, 16, 24, 32, 40, 48, 56, 64, 80, 96, 112, 128, 144, 160, 192, 224, 256, and 320 kbps.
- Maximum number of folders: eight folders with 255 files per folder.
- Maximum of 1,000 files on a disc.
- Recorded on a CD-R or CD-RW with a maximum capacity of 700 MB.
- The Artist/Album/Song Titles/ Genre information requires a CD to be fully scanned before the music navigator works with these menus.

MP3 Music Menu

Select the Menu screen button while that source is active to access the menu.



Turn the ←•→ (Tune/Menu) knob to highlight any of the following buttons on the MP3 Menu, then press the outer ring of the ←•→ knob to make the selection:

Shuffle Songs: Select to play the tracks randomly. Press again to stop shuffle.

Playlists: Select to view the playlists stored on the disc. Select a playlist to view the list of all songs in that playlist. There might be a delay before the list displays. Select a song from the list to begin playback.

Artists: Select to view the list of artists stored on the disc. Select an artist name to view a list of all songs by the artist. There might be a delay before the list displays. Select a song from the list to begin playback.

Albums: Select to view the albums on the disc. Select the album to view a list of all songs on the album. There might be a delay before the list displays. Select a song from the list to begin playback.

Song Titles: Select to display a list of all songs on the disc. Songs are displayed as stored on the disc. There might be a delay before the list displays. To begin playback, select a song from the list.

Genres: Select to view the genres. Select a genre to view a list of all songs of that genre. Select a song from the list to begin playback.

Folders: Select to open a folder list to access the files within the folder structure.

Root Directory

The root directory is treated as a folder. All files contained directly under the root directory are accessed prior to any root directory folders.

Empty Folders

If a root directory or folder is empty or contains only folders, the player advances to the next folder in the file structure that contains a compressed audio file. The empty folder(s) are not displayed or numbered.

No Folder

When the CD only contains compressed audio files without any folders or playlists, all files are under the root folder.

File System and Naming

The song titles, artists, albums, and genres are taken from the file's ID3 tag and are only displayed if present in the tag. If a song title is not present in the ID3 tag, the radio displays the file name as the track name.

Preprogrammed Playlists

The radio recognises preprogrammed playlists; however, there is no editing capability. These playlists are treated as special folders containing compressed audio song files.

Error Messages

If Disc Error displays and/or the disc comes out, it could be for one of the following reasons:

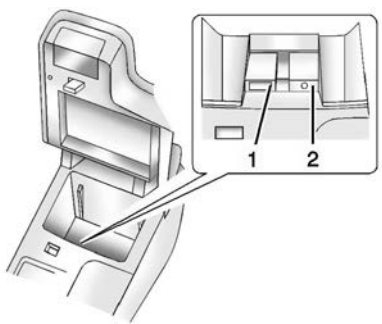
- The disc has an invalid or unknown format.
- The disc is very hot. Try the disc again when the temperature returns to normal.
- The road is very rough. Try the disc again when the road is smoother.
- The disc is dirty, scratched, wet, or upside down.
- The air is very humid. Try the disc again later.
- There was a problem while burning the disc.
- The label is caught in the CD player.

If the CD is not playing correctly, for any other reason, try a known good CD.

If any error continues, contact your dealer.

Auxiliary Devices (Without Navigation)

This vehicle may have a 3.5 mm (1/8 in) auxiliary input jack and a USB port, located in the centre console. Some portable audio devices such as iPods®, MP3 players, and USB storage devices can be connected to the vehicle using a 3.5 mm (1/8 in) cable or a USB cable.



1. USB port
2. 3.5 mm (1/8 in) auxiliary input jack

AUX (Auxiliary): Press to change from a different source that is currently active to an auxiliary device that is connected and can be controlled by the infotainment system.

Using the 3.5 mm (1/8 in) Auxiliary Input Jack

Connect a 3.5 mm (1/8 in) cable to the 3.5 mm (1/8 in) auxiliary input jack to use a portable audio player.

Playback of an audio device that is connected to the 3.5 mm (1/8 in) auxiliary input jack can only be controlled using the controls on the device.

Adjusting the Volume

Turn the ⏻ / knob to adjust the volume of the infotainment system after the volume level has been set on the portable audio device.

USB Port

For vehicles with a USB port, the following devices may be connected and controlled by the infotainment system:

- iPods
- PlaysForSure Devices (PFD)
- USB Drives
- Zunes®

Not all iPods, PFDs, USB Drives, and Zunes are compatible with the infotainment system.

Connecting and Controlling an iPod®

Not all iPods can be controlled by the infotainment system.

Connecting an iPod

Connect the iPod to the USB port.

Searching for a Track

Tracks can be searched for by:

- Playlists
- Artists
- Albums
- Song Titles
- Podcasts
- Genres
- Audiobooks
- Composers

To search for tracks:

1. Press the ←•→ knob.
2. Select Search.
3. Select: Playlists, Artists, Albums, Song Titles, Podcasts, Genres, Audiobooks, or Composers.
4. Select the track.

Shuffle

Press the ←•→ knob and set Shuffle Songs (Random) to On or Off, then press the BACK button to return the main screen.

On: Plays tracks in the current folder in random order.

Off: Plays tracks in the current folder in sequential order.

Repeat

Press the ←•→ knob and set Repeat to On or Off, then press the BACK button to return the main screen.

On: Repeats the current track.

Off: Starts playing from the beginning of the current track after the last track finishes.

Connecting and Controlling a PlaysForSure Device (PFD) or Zune®

Connecting a PFD or Zune

Connect the PFD or Zune to the USB port.

Searching for a Track

Tracks can be searched for by:

- Playlists
- Artists
- Albums
- Song Titles
- Podcasts

- Genres

To search for tracks:

1. Press the ←•→ knob.
2. Select Search.
3. Select: Playlists, Artists, Albums, Song Titles, Podcasts, or Genres.
4. Select the track.

Shuffle

Press the ←•→ knob and set Shuffle Songs (Random) to On or Off.

On: Plays current tracks in random order.

Off: Plays current tracks in sequential order.

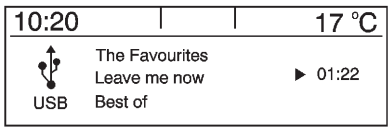
Repeat

Press the ←•→ knob and set Repeat to On or Off.

Repeat On: Repeats the current track.

Repeat Off: Starts playing from the beginning of the current track after the last track finishes.

Connecting and Controlling a USB Drive

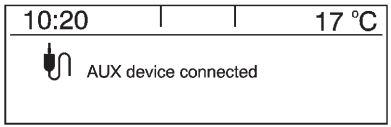


The infotainment system can only play back .mp3 and .wma files from a USB drive.

Only the first 2,500 songs are recognised on the device.

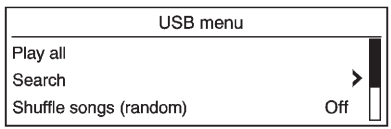
When a device is not supported, the message “No supported data found. You can safely disconnect the device” appears.

Connecting a USB Drive



Connect the USB drive to the USB port.

Searching for a Track



It is normal for the search feature to take some time to display the information after reading the device due to the amount of information stored.

Files that do not have any meta data stored in the ID3 tag display as Unknown.

Tracks can be searched for by:

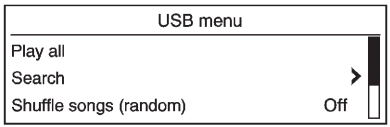
- Playlists*
- Artists
- Albums
- Song Titles
- Genres
- Folder View

*This only displays if a playlist is found on the device.

To search for tracks:

1. Press the ↩•↪ knob.
2. Select Search.
3. Select: Playlists, Artists, Albums, Song Titles, Genres, or Folder View.
4. Select the track.

Shuffle



Press the ↩•↪ knob and set Shuffle Songs (Random) to On or Off.

On: Plays current tracks in random order.

Off: Plays current tracks in sequential order.

Repeat

Press the ↩•↪ knob and set Repeat to On or Off.

Repeat On: Repeats the current track.

Repeat Off: Starts playing from the beginning of the current track after the last track finishes.

Auxiliary Devices (With Navigation)

When a device is connected to the auxiliary input jack, the system automatically begins playing audio from the device over the vehicle speakers.

If an auxiliary device has already been connected, but a different source is currently active, select the Now Playing screen button on the Home Page, then turn the ↩•↪ (Tune/Menu) knob to highlight Source. Press the outer ring of the ↩•↪ knob to display the audio sources. Turn the ↩•↪ knob to cycle through all of the available audio source screens, until the AUX source screen is selected.

Playing from a USB

A USB mass storage device can be connected to the USB port.

The USB port is in the centre console.

The USB icon displays when the USB device is connected.

USB MP3 Player and USB Drives

- The USB MP3 players and USB drives connected must comply with the USB Mass Storage Class specification (USB MSC).
- Only USB MP3 players and USB drives with a sector size or 512 bytes and a cluster size smaller than or equal to 32 kbytes in the FAT32 file system are supported.
- Hard disk drives are not supported.
- The following restrictions apply for the data stored on a USB MP3 player or USB device:
  - Maximum folder structure depth: 11 levels.
  - Maximum number of MP3/WMA files that can be displayed: 1,000
- WMA with Digital Rights Management (DRM) from online music shops cannot be played. WMA files can only be played back safely if they were created with Windows Media Player version 8 or later.
  - Applicable playlist extensions are: .m3u, .pls.
  - Playlist entries must be in the form of relative paths.
  - The system attribute for folders/files that contain audio data must not be set.

To play a USB device, do one of the following:

- Connect the USB and it begins to play.
- Select the Now Playing screen button on the Home Page, then press the SRCE button on the faceplate repeatedly to cycle through all of the available audio source screens, until the USB source screen is selected.

While the USB source is active, use the following to operate USB function:

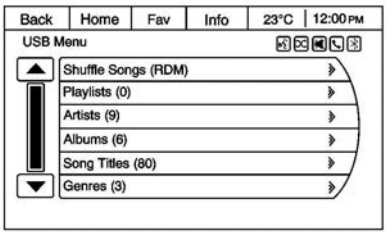
⏮ (Seek Up):

1. Press to seek to the next track.
2. Press and hold to advance quickly through playback. Release to return to playing speed. Elapsed time displays.

⏭ (Seek Down):

1. Press to seek to the beginning of the current or previous track. If the track has been playing for less than five seconds, the previous track plays. If playing longer than five seconds, the current track restarts.
2. Press and hold to reverse quickly through playback.
3. Release to return to playing speed. Elapsed time displays.

USB Menu



Turn the ←•→ (Tune/Menu) knob to highlight any of the following buttons on the USB Menu, then press the outer ring of the ←•→ knob to make the selection:

Shuffle Songs: Select to play the tracks randomly. Select again to stop shuffle.

Playlists: Select to view the playlists stored on the USB. Select a playlist to view the list of all songs in that playlist. There might be a delay before the list displays. Select a song from the list to begin playback.

Artists: Select to view the list of artists stored on the USB. Select an artist name to view a list of all songs by the artist. There might be a delay before the list displays. Select a song from the list to begin playback.

Albums: Select to view the albums on the USB. Select the album to view a list of all songs on the album. There might be a delay before the list displays. Select a song from the list to begin playback.

Song Titles: Select to display a list of all songs on the USB. Songs are displayed as stored on the disc. There might be a delay before the list displays. To begin playback, select a song from the list.

Genres: Select to view the genres on the USB. Select a genre to view a list of all songs of that genre. Select a song from the list to begin playback.

Folders: Select to open a folder list to access the files within the folder structure.

File System and Naming

The song titles, artists, albums, and genres are taken from the file's ID3 tag and are only displayed if present in the tag. If a song title is not present in the ID3 tag, the radio displays the file name as the track name.

Playing from an iPod®

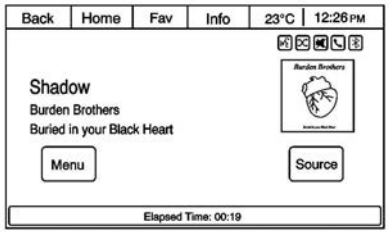
This feature supports the following iPod models:

- iPod nano® (1st, 2nd, 3rd, and 4th generation)
- iPod with video (5.0 and 5.5 generation). Video is not shown; only audio is supported.
- iPod classic® (6th generation)
- iPod touch® (1st and 2nd generation)

There may be problems with operation and function in the following situations:

- When connecting an iPod on which a more recent version of the firmware is installed than is supported by the infotainment system.
- When connecting an iPod on which firmware from other providers is installed.

To connect and control an iPod, connect one end of the standard iPod USB cable to the iPod's dock connector. Connect the other end to the USB port in the centre console.

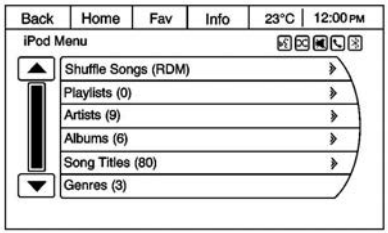


iPod music information displays on the radio's display and begins playing through the vehicle's audio system.

The iPod battery recharges automatically while the vehicle is on. When the vehicle is off while an iPod is connected using the iPod USB cable, the iPod battery stops charging and the iPod automatically turns off.

If the iPod is an unsupported model, it can still be listened to in the vehicle by connecting to the auxiliary input jack using a standard 3.5 mm (1/8 in) stereo cable.

iPod Menu



Turn the ⟵•⟶ (Tune/Menu) knob to highlight any of the following buttons on the iPod Menu, then press the outer ring of the ⟵•⟶ knob to make the selection:

Shuffle Songs: Select to play the tracks randomly. Select again to stop shuffle.

Press the outer ring to select any of the following buttons on the iPod Menu:

Playlists:

1. View the playlists stored on the iPod.
2. A playlist name to view a list of all songs in the playlist.
3. The desired song from the list to begin playback.

Artists:

1. View the artists stored on the iPod.
2. An artist name to view a list of all songs by the artist.
3. The desired song from the list to begin playback.

Albums:

1. View the albums stored on the iPod.
2. An album name to view a list of all songs on the album.
3. The desired song from the list to begin playback.

Song Titles:

1. View a list of all songs stored on the iPod.
2. The desired song from the list to begin playback.

Genres:

1. View the genres stored on the iPod.
2. A genre name to view a list of all songs of that genre.
3. The desired song from the list to begin playback.

Podcasts:

1. View the podcasts stored on the iPod.
2. A podcast name to play the desired podcast.

Composers:

1. View the composers stored on the iPod.
2. A composer name to view a list of all songs by that composer.
3. The desired song from the list to begin playback.

Playing from an iPhone®

This feature supports the following iPhone model:

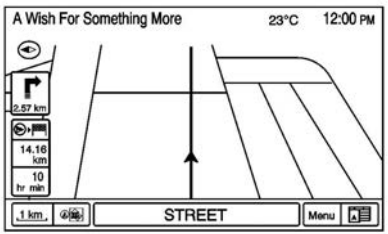
- iPhone® (3g – 3gs)

To use the iPhone, follow the same instructions as stated earlier for using an iPod.

Navigation

Using the Navigation System

Use the NAVI button on the faceplate or Home Page to access the navigation map.

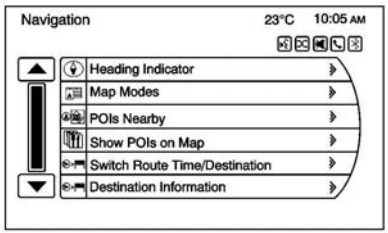


Press the NAVI button again to change between alternative views of the normal split and full map views.

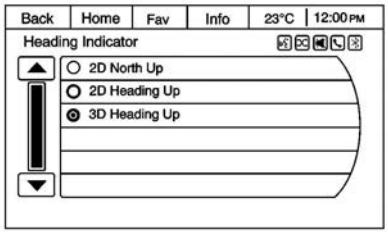
The Menu screen button at the bottom right side of the display accesses the Navigation Menu.

Press the outer ring of the ⟵•⟶ (Tune/Menu) knob to enter the Navigation Menu.

Turn the ⟵•⟶ knob to highlight any of the following buttons on the Navigation Menu, then press the outer ring of the ⟵•⟶ knob to make the selection:



Heading Indicator

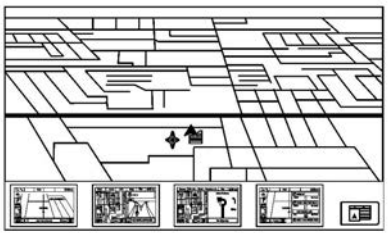


Select Heading Indicator to display the Map View. There are three indicator settings:

- 2D North Up - Displays North at the top of the map screen regardless of the direction the vehicle is travelling.
- 2D Heading Up - Displays the direction the vehicle is travelling. The shaded triangle icon points North.

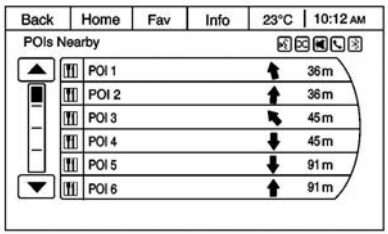
- 3D Heading Up - Is the same as 2D Heading Up, but the map is in 3D.

Map Modes



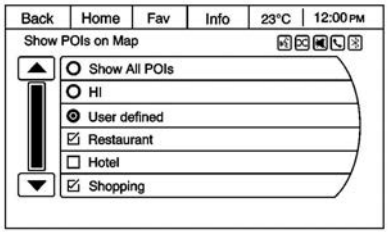
Press the ←•→ knob to enter the Navigation Menu. Rotate the inner directional rocker knob to navigate through the Map Modes. The system offers a variety of full and split views. Use the inner directional rocker knob to rotate, then press the outer ring of the ←•→ knob to select the desired map mode. Some views are only selectable when route guidance is active.

POIs Nearby



Select to display a search list of nearby POIs. Select the desired POI.

Show POIs on Map



Select to customise which major POI categories are displayed on the map.

Switch Route Time/Destination

Select to customise the Arrival/ Travel time and Waypoint/ Destination information that is displayed in the main map screen.

Current Position Information

Select to display a split screen showing detailed information about the vehicle position.

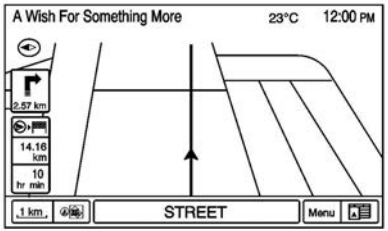
Destination Information

Select to display a split map screen showing the next waypoint/ destination.

Map Adjustments

The system lets you adjust the scale of view on the map. Also, as you drive, the map scrolls automatically based on the direction of travel.

Map Scales

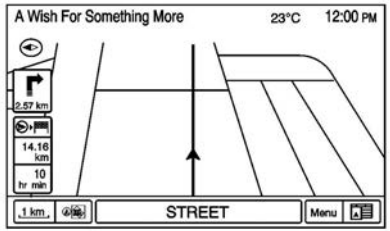


Turn the ⟵•⟶ (Tune/Menu) knob clockwise or anticlockwise to zoom out or in.

The scale can be configured for metric or English units. To change from metric to English, see “Driver Information Centre (DIC)” in the owner manual.

Scroll Features

- To scroll within the map, rotate the inner directional rocker knob.



- While scrolling the map, this symbol can display the distance to the crosshair area.

Maps

This section includes basic information that you need to know about the map database.

The maps are stored on a Secured Digital (SD) card that is used in the navigation system.

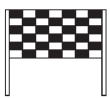
Detailed Areas

Road network attributes are contained in the map database for detailed areas. Attributes include information such as street names, street addresses, and turn restrictions. A detailed area includes all major motorways, service roads, and residential roads. The detailed areas include points of interest (POIs) such as restaurants, airports, banks, hospitals, police stations, petrol stations, tourist attractions, and historical monuments. The map database may not include data for newly constructed areas or map database corrections that are completed after the production of the SD card. The navigation system provides full route guidance in the detailed map areas.

Navigation Symbols

Following are the most common symbols that appear on a map screen.

The vehicle symbol indicates the current position and heading direction of the vehicle on the map.

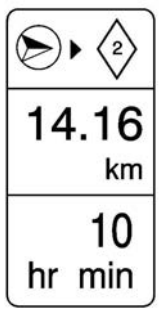


The destination symbol marks the final destination after a route has been planned.

The waypoint symbol marks one or more set waypoints.

A waypoint is a stopover destination point added to the planned route.

The estimated time and distance to the destination are displayed.



If waypoints have been added to the current route, each waypoint destination displays estimated time and distance.

This symbol indicates that the map view is North up: North up displays North at the top of the map screen regardless of the direction the vehicle is travelling. Select this screen symbol to change the view to Heading up or 3D.

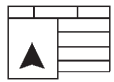
This symbol indicates that the map view is Heading up.

Heading up view displays the direction the vehicle is travelling at the top of the map screen. The shaded triangle indicates North.

Press this screen symbol to change to 3D mode.

The 3D symbol is the same as the Heading up symbol, but the map is in 3D.

The No GPS symbol appears when there is no Global Positioning System (GPS) satellite signal.

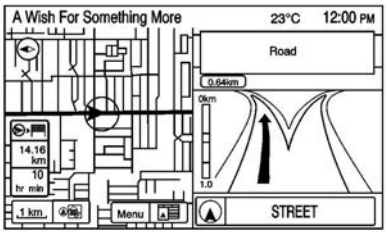


This symbol located at the bottom of a map screen brings up the map mode pop-up screen.

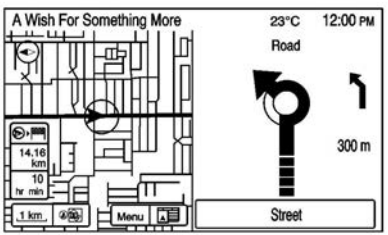
Driving on a Route

Urgent Manoeuvre Alert

The system will give an indication that the next manoeuvre is close.

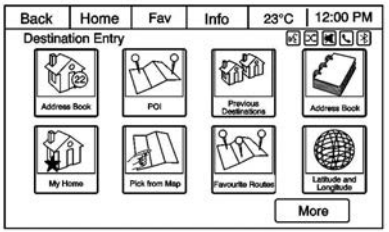


Driving on a Motorway



Driving on a Residential Road

Destination



If route guidance is not active, turn the ↩•↪ (Tune/Menu) knob to highlight the Destination Entry screen button on the Home Page or press the DEST button on the faceplate to access the Destination Entry screen. Several options can be selected to plan a route by entering destinations. Some destination entry items such as Previous Destinations, Address Book, and My Home may be greyed out if no destination was previously entered or saved.

Alpha-Numeric Keyboard

Letters of the alphabet, symbols, punctuation, and numbers, when available, display on the navigation screen as alpha/numeric keyboards. The alpha keyboard displays when data needs to be entered.

QWERTY or ABCDEF: Turn the ↩•↪ knob to highlight, then press the outer ring of the ↩•↪ knob to toggle between QWERTY or ABCDEF keyboard character layouts.

Symbols: Use to select symbols.

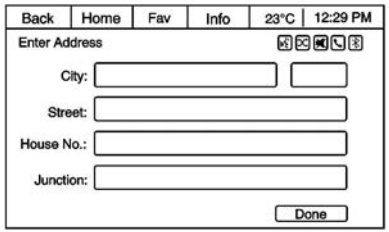
Space: Use to enter a space between characters or the words of a name.

Delete: Select to delete an incorrect character that has been entered.

Address Entry

Turn the ↩•↪ (Tune/Menu) knob to highlight the Address Entry screen button. Press the outer ring of the ↩•↪ knob to display the Enter Address screen. Set a route by entering the country name, city name, street name, house number, and junction.

To make name selection easier, the system highlights only characters that are available after the previously entered one.



Country: Enter a country name.

City: Enter a city name.

Street: Enter a street name.

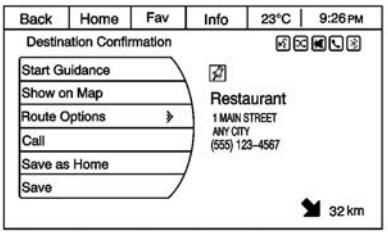
House No.: Enter a valid address number.

Intersection: Enter a street name that intersects with the selected street.

Entering the city name first:

1. Enter the city name.
2. Enter the street name. Use the Delete screen button to delete an incorrectly entered character.

   A list displays if six or fewer names are available. If there are more than six, there is a match counter with a number of available streets. Select the List screen button to view the list and select the street.
3. Enter the house number.
4. Select the Done screen button at any time and the system tries to resolve a destination based on the entered information, then displays it on the Destination Confirmation screen.



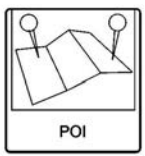
5. Select the Start Guidance screen button and the route calculates.

Entering the street name first:

1. Make sure the state has been entered before selecting the street name field. Enter the street name. Do not enter directional information or street type. Use the Delete screen button to delete an incorrect character.

   A list displays if six or fewer names are available. If there are more than six, select the List screen button to view the list and select the street.
2. Select the city from the list or enter the city name.
3. Enter the house number.
4. Select the Done screen button.
5. Select the Start Guidance screen button and the route calculates.

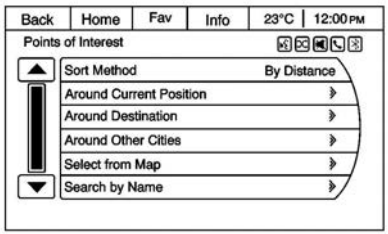
Points of Interest (POI)



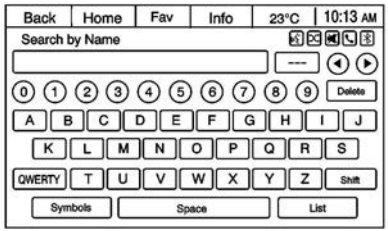
Turn the ←•→ knob to highlight the Points of Interest screen button located on the Destination Entry page. Press the outer ring of the ←•→ knob to display several options to plan a route.

The POI entry list allows selection of a destination by category search, selection from map, or search by name method.

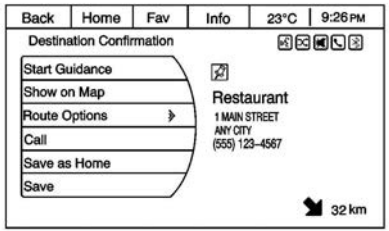
Entering by POI name:



1. Select Search by Name.



2. Make sure the correct country is selected, then select Name.
3. Enter the POI name.
4. Select a few of the characters or spell the name in full, by pressing on the alpha keyboard.
5. Select the List screen button, or if the list has six or fewer items, a list of POIs will immediately display.
6. Select the desired POI.



7. Select the Start Guidance screen button and the route calculates.

Previous Destinations

Turn the ←•→ knob to highlight the Previous Destinations screen button. Press the outer ring of the ←•→ knob to select a destination from the Previous Destination List. Up to 15 points that have been previously entered can be recalled. If the list is full, the oldest destinations are automatically deleted once the newest destinations are added.

Address Book

If no destination is saved to the address book, save a destination by doing the following:

1. Select the Home Page Destination or press the DEST faceplate button.
2. Enter an address using any of the destination methods (Address Entry, POI Entry, etc.).
3. On the Destination Confirmation screen, select Save.

4. The system displays the options Name, Number, Icon, and Done. Press Done to save the destination.
5. To customise the address book entry, select Name, Number, or Icon.

If a destination is already saved to the address book, select the Home Page Destination Entry or press the DEST faceplate button to display the Address Book screen button.

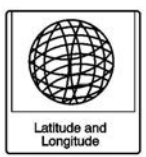
Choose a destination by selecting an address that has been stored in the address book.

1. Select the Address Book screen button. A list displays the address book entries.
2. Select the destination from the list.
3. Select the Start Guidance screen button and the route calculates.

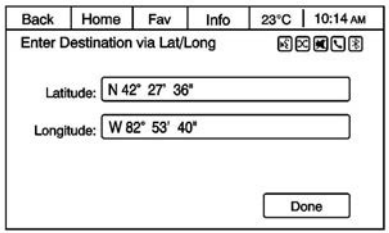
To edit Address Book entries:

1. Select an item from the address book.
2. On the Destination Confirmation screen, select Edit.
3. The system displays the options Name, Number, Icon, and Delete. Select Delete to delete the destination from the address book.
4. To customise the address book entry, select Name, Number, or Icon.

Latitude/Longitude Coordinates



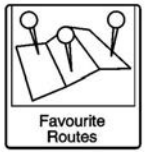
Choose a destination based on latitudinal and longitudinal coordinates.



To enter the location as coordinates, latitude and longitude:

1. Select the Latitude and Longitude screen button to display the screen above.
2. Enter the Latitude and Longitude coordinates for the destination in degrees, minutes, and seconds.
3. Select the Done screen button if the information is correct.
4. Select the Start Guidance screen button. The route calculates.

Favourite Routes



Adding a Favourite Route:

1. Select the Home Page Destination Entry or press the DEST faceplate button to display the Favourite Routes screen button.
2. Select the Favourite Routes screen button to display Add Favourite Route.
3. Select Add Favourite Route and enter a favourite route name.
4. Select OK and the display returns to the favourite routes list.
5. Select the favourite route and add a waypoint using any of the destination methods, such as address entry, POI entry, etc.

Selecting a Favourite Route:

1. Select the Home Page Destination Entry or press the DEST faceplate button to display the Favourite Routes screen button.
2. Select the Favourite Routes screen button to display a list of available favourite routes.
3. Scroll and select a favourite route.
4. Select the Start Guidance screen button. The route calculates.

Deleting a favourite route:

1. Select the Home Page Destination Entry or press the DEST faceplate button to display the Favourite Routes screen button. Select this button to display the list of available favourite routes.
2. Scroll and select the route to be deleted.
3. Select Edit.
4. Select Delete Favourite Route.

Changing the route name:

1. Select the Home Page Destination Entry or press the DEST faceplate button to display the Favourite Routes screen button. Select this button to display the list of available favourite routes.
2. Select the Edit screen button.
3. Select Edit Name.
4. Using the keypad, enter the name.
5. Select the Done screen button. The new name will be in the Favourite Routes Menu.

My Home

If no home destination is entered, save a destination by selecting the Home Page Destination Entry or pressing the DEST button on the faceplate. Enter a destination using any of the destination entry methods (Address Entry, POI Entry, etc.). Select Save as Home from the Destination Confirmation screen.

If a destination is already saved as home, select the Home Page Destination Entry or press the DEST faceplate button to display the My Home screen button. Select this button to start route guidance.

Pick from Map

- Select the Home Page Destination Entry or press the DEST faceplate button to display the Pick from Map screen button. Select this button to display the map screen with a scroll symbol centred on the map.
- Select the Zoom in/out button by turning the ←•→ knob. Scroll the map by rotating the same knob.
- Select the Go button on the bottom of the screen to display the Destination Confirmation screen.
- Select the Start Guidance screen button. The route calculates.

Destination Confirmation

Multiple options are available on the Destination Confirmation screen.

Turn the ←•→ knob to highlight.

Press the outer ring of the ←•→ knob to select:

Start Guidance: To start a route calculation to the displayed destination.

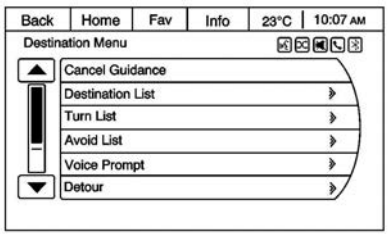
Show on Map: To switch to the map view with the displayed destination centred on the map.

Route Options: To modify your route options. See “Navigation Settings” under *Using the Navigation System on page 47*.

Save as Home: To save the displayed destination as your home destination. The home destination will be stored at the top of the list of destinations in the address book.

Save/Edit: To save the displayed destination into the address book. If the displayed destination is already stored in the address book, Edit will show as the menu item.

Destination Menu with Route Guidance Active

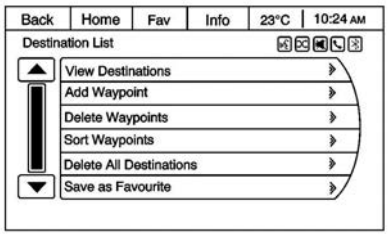


Several functions can be performed after a destination has been entered. Select the Home Page Destination Entry screen button or press the DEST faceplate button to access the Destination Menu screen.

Cancel Guidance

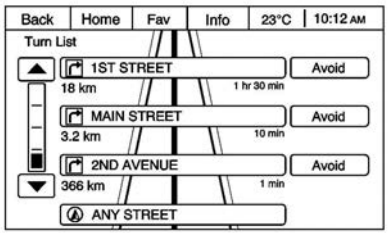
Select Cancel Guidance to cancel the current route.

Waypoint List



Select Waypoint List to view options for organising waypoints.

Turn List



Select Turn List to view a list of manoeuvres for the entire route. Select the Avoid screen button located next to one of the turn manoeuvres to avoid a segment of roads. A maximum of eight avoided segments are allowed.

Avoid List

Select Avoid List to display a list of avoided road segments with the option to remove the avoided items from the list.

Detour

Select Detour to display the route detour options. Select to detour the whole route or by a specific distance.

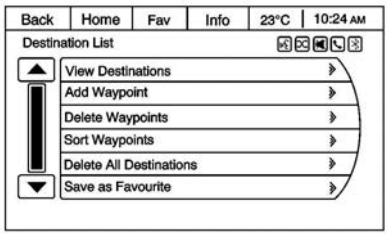
Route Options

This feature can be accessed from the Destination Confirmation Menu, Navigation Settings Menu, and Destination Menu with Route Guidance Active. See “Navigation Settings Button” under *Using the Navigation System on page 47*.

Waypoints

Up to three waypoints can be added to the current route. The waypoints can be sorted (moved) or deleted.

Turn the ⟵•⟶ (Tune/Menu) knob to highlight. Press the outer ring of the Press the outer ring of the ⟵•⟶ knob to select a function such as:

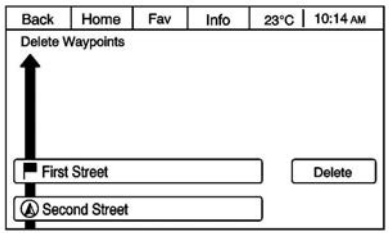


To add a waypoint:

1. From the Waypoint List menu, press Add Waypoint.
2. Enter the waypoint by any of the add destination methods. The system calculates and highlights the route and the route can be started.
3. To add more waypoints, select Add Waypoint to add the waypoint in the order desired on the route.

To delete a waypoint:

1. From the Destination menu, select Waypoint List.
2. Select Delete Waypoints.



3. Select the waypoints to be deleted. Select the Delete screen button.

The Sort Waypoint feature allows reorganisation of the waypoint list.

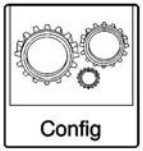
To sort a waypoint:

1. From the Destination menu, select Waypoint List.
2. Press Sort Waypoints.
3. Select the waypoint to move.
4. Select the location to move the waypoint to.

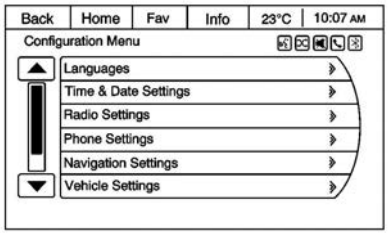
To save a waypoint list as a favourite route, select Save as Favourite.

Configure Menu

The Configuration Menu is used to adjust features and preferences, such as Sound, Radio, Nav (Navigation), Display, or Time Settings.



1. Select the Config screen button on the Home Page or press the CONFIG button on the faceplate.



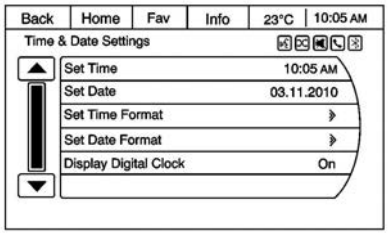
2. Turn the Press the outer ring of the ↔ (Tune/Menu) knob to scroll the menu until the desired option displays. Select the desired settings to change.

Languages

Select the Config button on the Home Page or press the CONFIG button on the faceplate to enter the menu options. Turn the Press the outer ring of the ↔ knob to scroll through the available options. Press the outer ring of the Press the outer ring of the ↔ knob to display the languages.

The vehicle supports English.

Time and Date Settings



From the Time & Date Settings screen button, select to display the Time & Date Settings menu.

Set Time: Select the up or down arrows to increase or decrease the Hours and Minutes displayed on the clock.

Set Date: Select the up or down arrows to increase or decrease the day.

Set Time Format: Select the 12 Hours screen button for standard time; select the 24 Hours screen button for military time.

Set Date Format: Depending on the region, the following date formats may be available: MM/DD/YYYY, DD.MM.YYYY, or YYYY/MM/DD.

Display Digital Clock: Select Display to turn the display of the clock on the screen On or Off.

Press the Back screen button to save the adjustments that were made.

Radio Settings

Select the Config button on the Home Page or press the CONFIG button on the faceplate to enter the menu options. Turn the knob to scroll through the available options. Press the outer ring of the knob to display the radio settings menu. Select this feature to make changes for radio information displayed, preset pages, and Auto Volume Control.

The Radio Settings are:

Speed Dependent Volume: Select OFF, Low, Medium, or High sensitivity to automatically adjust the volume to minimise the effects of unwanted background noise that can result from changing road surfaces, driving speeds, or open windows. This feature works best at lower volume settings where background noise is typically louder than the sound system volume.

Startup Volume: Select to set the maximum volume level for startup that will be used even if a higher volume had been set when the radio was turned off.

Radio Favourites: Select to set the number of FAV pages to be used in the system.

RDS Settings: Select to customise station name and radio text display options.

Phone Settings

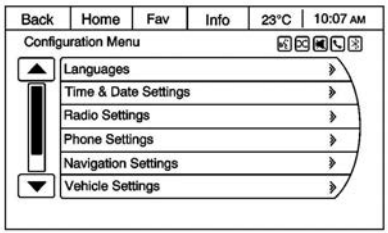
See *Bluetooth (Overview) on page 69* or *Bluetooth (Infotainment Controls) on page 72* or *Bluetooth (Voice) on page 77* in the “Phone” section on phone settings.

Navigation Settings

Select the Config button on the Home Page or press the CONFIG button on the faceplate to enter the setup menu. Turn the knob until the Navigation Settings option displays. Press the outer ring of the

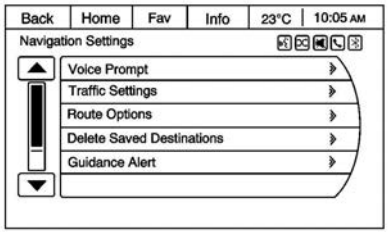
knob to select this feature and make changes to Voice Prompt, Route Options, and Home Address.

Navigation Settings Button

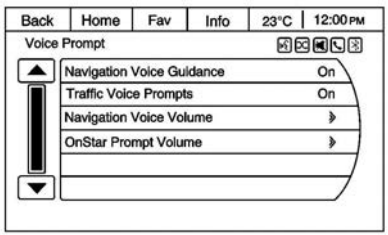


Various navigation system settings are available through the Configuration Menu. Some options are only available after a route is planned.

Select Navigation Settings to access the navigation system settings.



Voice Prompt

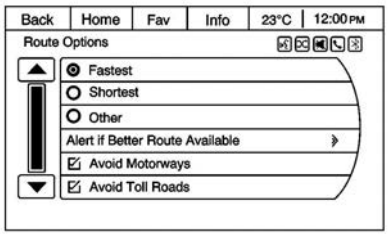


The Voice Prompt Menu allows changes to the voice prompt features.

Navigation Voice Volume: Select Navigation Voice Volume to change the volume of the navigation prompts.

Navigation Voice Guidance: Select the On or Off button to turn the voice instructions on or off while travelling on a planned route.

Route Options



Turn the ↩•↪ (Tune/Menu) knob to highlight various route option preferences, press the outer ring of the ↩•↪ knob to select the desired preferences.

Preferences are:

Fastest, Shortest, or Other: Select one of these options while planning a route.

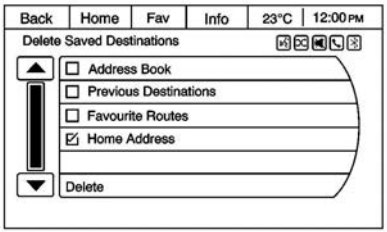
Avoid Motorways: Select to avoid major roads. A checkmark appears to indicate the Avoid mode is on.

Avoid Toll Roads: Select to avoid toll roads. A checkmark appears to indicate the Avoid mode is on.

Avoid Tunnels: Select to avoid tunnels. A checkmark appears to indicate the Avoid mode is on.

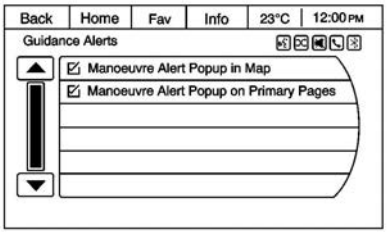
Avoid Ferries: Select to avoid ferries. A checkmark appears to indicate the Avoid mode is on.

Delete Saved Destinations



Select to delete all saved destinations. A Delete Saved Destinations submenu displays. Select the desired options for deletion.

Guidance Alerts



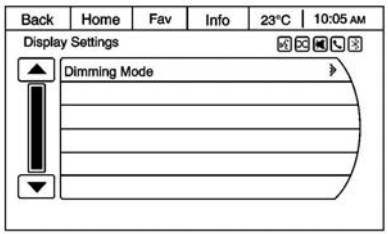
Select to enable the guidance alert pop-up to be viewed on the map or on the main screens such as audio, phone, etc. A checkmark appears to indicate the guidance alert mode is on.

Vehicle Settings

See “Vehicle Personalisation” in the owner manual.

Display Settings

Select the Config button on the Home Page or press the CONFIG button on the faceplate. Turn the ←•→ knob to highlight. Press the outer ring of the ←•→ knob to select Display Settings from the list.



The following options may display:

View Mode: Select to change the screen background.

- The Automatic setting adjusts the screen background automatically depending on the exterior lighting conditions.
- The Day setting brightens the map background.
- The Night setting darkens the map background.

To change the overall brightness setting for the display, use the vehicle interior lighting instrument panel illumination control.

Photo Viewer

Minimise taking your eyes off the road while driving. If access to the Photo Viewer is available while driving, park the vehicle to view this type of media.

⚠ WARNING

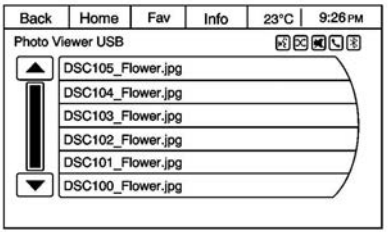
Taking your eyes off the road for extended periods could cause a crash resulting in injury or death to you or others. Do not give extended attention to infotainment tasks while driving.

The Photo Viewer can only be used with USB devices. If the pictures are on an SD card, the pictures can only be viewed if placed on a USB device or by using a USB-SD adapter. File sizes above approximately six mega pixels may not show. Only jpeg files are supported.

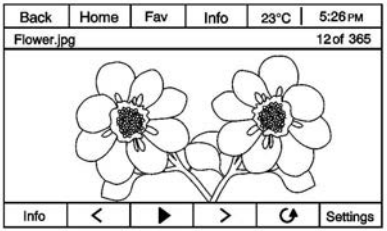
To navigate through the Photo Viewer options, turn the ←•→ knob to highlight an option.

Press the outer ring of the ⟵•⟶ knob to select.

1. Select the Viewer screen button on the Home Page.
2. The system does a search to find the picture folders. A “Please wait” message displays until the search is finished.



3. A list displays. Select a picture to view.



4. Once a picture displays, the following options are available:

Info: Select to turn file name information on or off.

<: Select to display a previous picture if not in slide show mode.

▶: Select to toggle between slide show mode and manual mode.

>: Select to display a next picture if not in slide show mode.

: Select to manually rotate a picture 90 degrees anticlockwise.

Settings: Select to open the Photo Viewer settings screen. Slide Show Timer, Shuffle Image Settings, and Automatic Rotation Settings can now be configured.

If the displayed picture screen is not used within six seconds, the upper and lower bar options will disappear. Press the outer ring of the ⟵•⟶ knob to re-display the upper and lower bar.

Global Positioning System (GPS)

The position of the vehicle is determined by using satellite signals, various vehicle signals, and map data.

At times, other interference such as the satellite condition, road configuration, condition of the vehicle, and/or other circumstances can affect the navigation system's ability to determine the accurate position of the vehicle.

The GPS shows the current position of the vehicle using signals sent by the GPS Satellites. When the vehicle is not receiving signals from the satellites, a symbol appears on the map screen. See *Navigation Symbols on page 50*.

This system might not be available or interference can occur if any of the following are true:

- Signals are obstructed by tall buildings, trees, large trucks, or a tunnel.
- Satellites are being repaired or improved.

For more information if the GPS is not functioning properly, see *Problems with Route Guidance on page 68* and *If the System Needs Service on page 68*.

Vehicle Positioning

At times, the position of the vehicle on the map could be inaccurate due to one or more of the following reasons:

- The road system has changed.
- The vehicle is driving on slippery road surfaces such as sand, gravel, or snow.
- The vehicle is travelling on winding roads or long straight roads.
- The vehicle is approaching a tall building or a large vehicle.
- The surface streets run parallel to a motorway.
- The vehicle has been transferred by a vehicle carrier or a ferry.
- The current position calibration is set incorrectly.
- The vehicle is travelling at high speed.
- The vehicle changes directions more than once, or the vehicle is turning on a turn table in a car park.
- The vehicle is entering and/or exiting a car park, garage, or a car park with a roof.
- The GPS signal is not received.
- A roof carrier is installed on the vehicle.
- Tyre chains have been installed.
- The tyres are replaced or worn.
- The tyre pressure for the tyres is incorrect.
- This is the first navigation use after the map data is updated.
- The 12-volt battery is disconnected for several days.
- The vehicle is driving in heavy traffic where driving is at low speeds, and the vehicle is stopped and started repeatedly.

Problems with Route Guidance

Inappropriate route guidance can occur under one or more of the following conditions:

- The turn was not made on the road indicated.
- Route guidance might not be available when using automatic rerouting for the next right or left turn.
- The route might not be changed when using automatic rerouting.
- There is no route guidance when turning at an intersection.
- Plural names of places might be announced occasionally.
- It could take a long time to operate automatic rerouting during high-speed driving.
- Automatic rerouting might display a route returning to the set waypoint if heading for a destination without passing through a set waypoint.
- The route prohibits the entry of a vehicle due to a regulation by time or season or any other regulation which may be given.
- Some routes might not be searched.
- The route to the destination might not be shown if there are new roads, if roads have recently changed, or if certain roads are not listed in the map data. See *Maps on page 49*.

To recalibrate the vehicle's position on the map, park with the vehicle running for two to five minutes, until the vehicle position updates.

If the System Needs Service

If the navigation system needs service and the steps listed here have been followed but there are still problems, see your dealer for assistance.

Map Data Updates

The map data in the vehicle is the most up-to-date information available when the vehicle was produced. The map data is available for update periodically, provided that the map information has changed. Contact your Opel Dealer for more information on ordering a new SD card.

Database Coverage Explanations

Coverage areas vary with respect to the level of map detail available for any given area. Some areas feature greater levels of detail than others. If this happens, it does not mean there is a problem with the system. As the map data is updated, more detail can become available for areas which previously had limited detail. See *Map Data Updates on page 68*.

Voice Recognition

The Infotainment system is not equipped with voice recognition. Vehicles with features such as Hands-Free Calling may have limited voice recognition.

See *Bluetooth (Overview) on page 69* or *Bluetooth (Infotainment Controls) on page 72* or *Bluetooth (Voice) on page 77* for more information.

Voice recognition, if applicable to your vehicle, can be used when the vehicle is on or when Retained power off is active.

Using Voice Recognition

1. Press and hold the ✆ / 🎙 steering wheel button for less than two seconds. The audio system mutes and a beep is heard. A voice prompt stating, “Ready” might be heard.

   While voice recognition is active, the system displays a 🎙 symbol.

2. Clearly speak one of the commands listed in “Using Voice Recognition” under *Bluetooth (Overview) on page 69* or *Bluetooth (Infotainment Controls) on page 72* or *Bluetooth (Voice) on page 77*.

Cancelling Voice Recognition

1. Press and release the ⏮ / ↩ steering wheel button to cancel a command.
2. The system replies, “Goodbye.”
3. Press and release the ✆ / 🎙 steering wheel button to restart the voice recognition session.

Phone

Bluetooth (Overview)

Vehicles with a Bluetooth® system can use a Bluetooth-capable cell phone with a Hands-Free Profile to make and receive phone calls. The infotainment system and voice recognition are used to control the system. The system can be used while the ignition is in ON/RUN or ACC/ACCESSORY. The range of the Bluetooth system can be up to 9.1 m (30 ft). Not all phones support all functions and not all phones work with the Bluetooth system.

Bluetooth Controls

Use the buttons located on the infotainment system and the steering wheel to operate the Bluetooth system.

Steering Wheel Controls

(Push to Talk): For vehicles with a Bluetooth or navigation system, press to interact with those systems.

(Mute/End Call): Press to silence the vehicle speakers only. Press again to turn the sound on. For vehicles with OnStar or Bluetooth systems, press to reject an incoming call, or end a current call.

SRC (Rotary Control): Press to select an audio source.

Press or to select the next or previous favourite radio station, CD track, or MP3 track.

+ - (Volume): Press + to increase the volume. Press − to decrease the volume.

Infotainment System Controls

PHONE: Press to enter the Phone main menu.

Voice Recognition

The voice recognition, if applicable to your vehicle, commands to control the system and dial phone numbers.

Noise: The system may not recognise voice commands if there is too much background noise.

When to Speak: A tone sounds to indicate that the system is ready for a voice command. Wait for the tone and then speak.

How to Speak: Speak clearly in a calm and natural voice.

Audio System

When using the Bluetooth system, sound comes through the vehicle's front audio system speakers and overrides the audio system. Use the / knob during a call to change the volume level. The adjusted volume level remains in memory for later calls. The system maintains a minimum volume level.

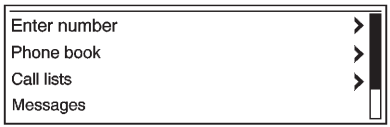
Operation

Minimise taking your eyes off the road while driving. Become familiar with the operation of your cell phone while the vehicle is parked.

⚠ WARNING

Taking your eyes off the road for extended periods could cause a crash resulting in injury or death to you or others. Do not give extended attention to infotainment tasks while driving.

Dialling a Phone Number



There are different ways to dial a phone number:

- Enter number
- Phone book
- Call lists

Enter number

1. Press the PHONE button.
2. Select Enter number and then enter the phone number.

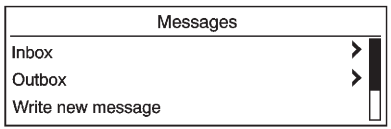
Phone book

1. Press the PHONE button.
2. Select Phone book and select entry.

Call lists

1. Press the PHONE button.
2. Select Call lists.
3. Select Incoming calls, Outgoing calls, Missed Calls then select entry.

Messaging Functions



When the mobile phone is paired using the SAP mode, the messaging menu can be viewed.

⚠ WARNING

Taking your eyes off the road for extended periods could cause a crash resulting in injury or death to you or others. Do not give extended attention to infotainment tasks while driving.

To access the messaging menu:

1. Press the PHONE button.
2. Select Phone Book and then select Messages.

To view received messages, select Inbox.

To view sent messages, select Outbox.

To compose a new message, select Write new message. Messages are limited to 70 characters.

Receiving Calls

When receiving a call, a menu will appear on the infotainment display to accept or decline a call.

Received Call Functions

After receiving a call, there are various menu options are available, depending on the situation.

To access this menu press, ⟵•⟶ and the following list may appear:

- Hang up
- Call number
- Detach call
- Merge calls
- Switch calls
- Mute call

Hang up

Select to hang up the current call.

Call number

Select to enter and make a second call or perform DTMF (touch-tone dialling) for voice mail or telephone banking.

Detach call

Select to disconnect a caller with several callers.

Merge calls

Select to merge to calls.

Switch calls

Select to switch between several calls.

Mute call

Select to mute a call.

Other Information

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Bluetooth (Infotainment Controls)

General Information

Vehicles with the mobile phone portal provide the possibility of holding mobile phone conversations via a vehicle microphone and the vehicle infotainment system, as well as operating the most important mobile phone functions via the infotainment system.

Not all mobile phone portal functions are supported by every mobile phone. The possible phone functions depend on the relevant mobile phone and network provider. For further information, see the operating instructions for your mobile phone or contact your network provider.

Bluetooth®

The mobile phone portal supports Bluetooth® Hands-Free Profile V. 1.5 and is specified in accordance with the Bluetooth Special Interest Group (SIG).

For further information about the specification, see the Bluetooth web site.

For security reasons, at least a four-digit and randomly selected Personal Identification Number (PIN) should be used to pair devices.

Operation

The mobile telephone system can be operated via a steering wheel remote control system or a multifunction knob on the radio.

As soon as the mobile telephone portal has been switched on and the mobile telephone is logged in, the start page appears on the display.

Steering Wheel Controls

(Push to Talk): For vehicles with a Bluetooth or navigation system, press to interact with those systems.

(Mute/End Call): Press to silence the vehicle speakers only. Press again to turn the sound on. For vehicles with Bluetooth systems, press to reject an incoming call, or end a current call.

△ **SRC** ▽ **(Rotary Control):** Press to select an audio source.

Press △ or ▽ to select the next or previous favourite radio station, CD track, or MP3 track.

+ - (Volume): Press + to increase the volume. Press − to decrease the volume.

Telephone Connection

A connection can be created between a mobile telephone and the infotainment system through a Bluetooth connection, as long as the mobile telephone and the mobile telephone portal support this function.

In order for a connection to be created, the mobile telephone portal must be switched on and the mobile telephone logged in. The mobile telephone portal switches itself on and off via the battery. If the battery is switched off, switch the mobile telephone on and off via the infotainment system. When the battery is switched off, the operating time is limited to one hour.

On many mobile telephones, the adapter is only used as a charging station. In this case, the connection must be created via Bluetooth.

Obtain information on available telephone-specific adapters from your dealer.

For information on the Bluetooth function, see the operating instructions for the mobile telephone.

Bluetooth® Connection

The Bluetooth function on the mobile telephone must be activated. See the operating instructions for the mobile telephone.

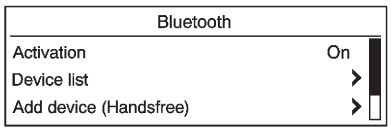
Bluetooth is a radio standard for wireless connection of a mobile telephone to other equipment. Information such as the phone book, call list, network operator, and field intensity can be transmitted. Depending on the type of equipment, the functions may be restricted.

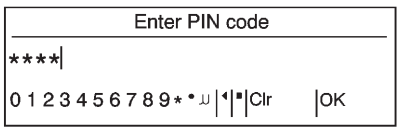
Creating a Connection

1. Go to the main menu.
2. Select the telephone symbol from the headline.

   When the mobile telephone is slotted in the adapter, the telephone menu or Bluetooth menu appear on the display.

   If the mobile telephone is not slotted into the adapter, the Bluetooth menu appears on the display.
3. Select the Bluetooth menu item.





If Bluetooth has been deactivated, proceed as follows:

1. Select the Bluetooth menu item.

   If Bluetooth has been activated, the remaining menu items will appear on the display.
2. Select the Bluetooth PIN menu item.

   The PIN menu appears on the display.
3. Enter a random Bluetooth PIN and confirm it with OK.

   For security reasons, a randomly selected PIN code of at least four digits should be used.
4. Ensure that the Bluetooth function of the mobile telephone has been activated and set to visible.
5. Select the Start searching menu item.

   During the search process for Bluetooth devices, the word Searching... displays.

   When the search process has ended, the Bluetooth devices are listed in the Found devices menu.
6. Select the required mobile telephone.

While the connection is being created, the message The connection will be established... appears on the display.

Please enter the Bluetooth PIN, or a similar request appears on the display of the mobile telephone.

7. Using the keypad on the mobile telephone, enter the same Bluetooth PIN as for the infotainment system and confirm it with OK.

   The message Add device to known devices?, or a similar message, appears on the display of the mobile telephone.

8. Confirm this on the keypad of the mobile phone by pressing OK.

   Once a connection has been created successfully, the message Added to the list of known devices appears on the display.

   The connection between the mobile telephone and the infotainment system has now been created.

   Up to five devices can be added to the list.

SIM Access Profile (SAP) Mode

This feature allows a wider range of functions via the phone portal including security and messaging functions. The functions depend on the network provider. In SAP mode, the phone is in standby mode and only the Bluetooth connection and SIM card are active, which leads to lower energy usage.

Connecting Phone via SAP

1. Turn the infotainment system on.
2. Press the CONFIG button.
3. Select Add SIM access device.

   The system scans for available devices and displays a list of devices found.

4. Select the mobile phone from the list.

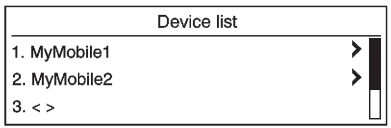
   The SAP passcode prompt is shown on the infotainment display containing a 16-digit code.

5. Enter the displayed SAP passcode in the mobile phone (without spaces).

   The mobile phone PIN is shown on the infotainment display.

   If the PIN request function is active on the mobile phone, the PIN for the SIM card must be entered.

Connecting Mobile Phone Saved in Device List



1. Press CONFIG Button.

2. Select Device list.
3. Select mobile phone and then select the option Select in the menu display.

   The system will detect the mobile phone.

Removing Mobile Phone from Device List

1. Press CONFIG Button.
2. Select Device list.
3. Select mobile phone and then select Delete and confirm delete.

Adjusting Ring Tones

1. Press CONFIG Button.
2. Select Phone settings.
3. Select Ring Tone.

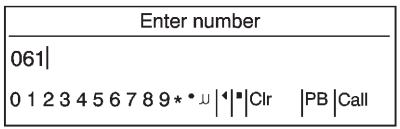
   Select desired option.

Changing Security Settings

1. Press CONFIG Button.
2. Select Phone settings.
3. Select Security.

   Select desired option.

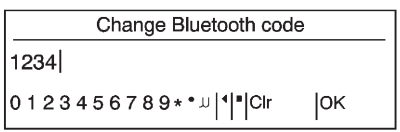
PIN



To activate or deactivate PIN request:

1. Press CONFIG Button.
2. Select PIN request.
3. Select On or Off.

Changing the PIN



1. Press CONFIG Button.
2. Select Change PIN.
3. Enter Current PIN.
4. Enter New PIN then reenter new PIN.

Configuring Network Services

1. Press CONFIG Button.
2. Select Phone settings then select Network Services.

Depending on the network provider, the following list may be available:

- Network selection
- Call waiting
- Call diverting
- Call barring

Network selection

This feature allows selection between automatic or manual network selection.

Call waiting

This feature allows turning call waiting on or off.

Call diverting

This feature allows calls to be diverted. Functions are dependent on the provider.

Call barring

This feature allows blocking incoming calls.

For more information, see the mobile phone's owner's manual or contact the network provider.

Reset Phone to Factory Settings

1. Press CONFIG Button.
2. Select Phone settings then select Restore factory settings.

Bluetooth (Voice)

General Information

Vehicles with a Universal Hands-free Phone (UHP) system can use a Bluetooth® capable mobile phone with a Hands-Free Profile to make and receive phone calls. The infotainment system and voice control are used to control the system. The system can be used while the ignition is in ON/RUN or ACC/ACCESSORY. The range of the UHP system can be up to 10 m (33 ft). Not all phones support all functions and not all phones work with the UHP system.

Other Information

The Bluetooth word mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by General Motors is under license. Other trademarks and trade names are those of their respective owners.

UHP Controls

Use the buttons located on the infotainment system and the steering wheel to operate the UHP system.

Steering Wheel Controls

Steering wheel controls can be used to:

- Answer incoming calls
- Confirm system information
- Start voice recognition
- End a call
- Reject a call
- Cancel an operation
- Make outgoing calls using the call list

(Push To Talk): Press to answer incoming calls, to confirm system information, and to start voice control. Press and hold for two to three seconds to access the call list.

(End call/Mute): Press to end a call, reject a call, or to cancel an operation.

To make outgoing calls using the call list.

1. Press the button.
2. Highlight the phone number by toggling the SRC switch up or down.
3. Dial the highlighted number by pressing the button.

Infotainment System Controls

For information about how to navigate the menu system using the navigation system controls, see “Navigation.”

PHONE: Press to enter the Phone main menu.

Voice Control

The voice control system uses commands to control the system and dial phone numbers.

Noise: The system may not recognise voice commands if there is too much background noise.

When to Speak: A tone sounds to indicate that the system is ready for a voice command. Wait for the tone and then speak.

How to Speak: Speak clearly in a calm and natural voice.

Audio System

When using the UHP system, sound comes through the vehicle's front audio system speakers and overrides the audio system. Use the ⏻/◿ knob during a call to change the volume level. The adjusted volume level remains in memory for later calls. The system maintains a minimum volume level.

Turning Bluetooth On or Off

1. Press the CONFIG button.
2. Select Phone Settings, or touch Phone on a navigation radio.
3. Select Bluetooth.
4. Select Activation.

Changing Bluetooth Code

The default Bluetooth code should work with most mobile phones. If you are having difficulty pairing your mobile phone, you can change the code at any time.

1. Press the CONFIG button.
2. Select Phone Settings, or touch Phone on a navigation radio.
3. Select Bluetooth.
4. Select Change Bluetooth Code.
5. Enter a new four-digit code, then select OK.

Ring Tone

There are three different ring tones available for the UHP system.

To change the ring tone:

1. Press the CONFIG button.
2. Select Phone Settings, or touch Phone on a navigation radio.
3. Select Ring Tones.
4. Select Ring Tone 1, 2, or 3.

Default Settings

Selecting this option will reset the ring tones and the Bluetooth code.

Pairing

A Bluetooth enabled mobile phone must be paired to the UHP system first and then connected to the vehicle before it can be used. See the mobile phone manufacturer's user guide for Bluetooth functions before pairing the mobile phone.

Pairing Information:

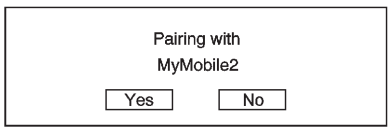
- Up to five mobile phones can be paired to the UHP system
- The pairing process is disabled when the vehicle is moving
- The UHP system connects with the first available paired mobile phone in the order the phone was paired
- Only one paired mobile phone can be connected to the UHP system at a time
- Pairing should only need to be completed once, unless changes to the pairing information have been made or the mobile phone has been deleted

Using UHP with Infotainment Controls

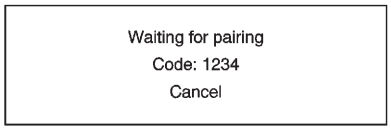
Pairing a Phone

If your mobile phone has simple pairing or auto discovery features, they need to be turned off before the mobile phone can be paired to the UHP system. Refer to the mobile phone manufacturer's user guide for information on these features.

1. Press the CONFIG button.
2. Select Phone Settings, or touch Phone on a navigation radio.
3. Select Bluetooth.
4. Select Pair Device or Add new Hands-free (HF) device on a navigation radio. A four-digit number appears on the display and the UHP system goes into discovery mode.
5. Start the pairing process on the mobile phone that will be paired to the vehicle. Refer to the mobile phone manufacturer's user guide for information on this process.

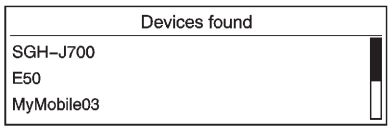


Locate the device named UHP followed by a four-digit number in the list on the mobile phone and follow the instructions on the mobile phone and, if necessary, enter the four-digit code provided by the system. Then follow the instructions on the infotainment display screen.



6. Repeat Steps 1 through 5 to pair additional mobile phones.

Viewing All Paired and Connected Phones



To view all available mobile phones that are paired to the UHP system:

1. Press the CONFIG button.
2. Select Phone Settings, or touch Phone on a navigation radio.
3. Select Bluetooth.
4. Select Device List.
5. Repeat Steps 1 through 4 to pair additional mobile phones.

Deleting a Paired Phone

To remove a paired mobile phone from the UHP system:

1. Press the CONFIG button.
2. Select Phone Settings, or touch Phone on a navigation radio.
3. Select Bluetooth.
4. Select Device List.
5. Select the mobile phone to be deleted and follow the on screen prompts.

Connecting to a Different Phone

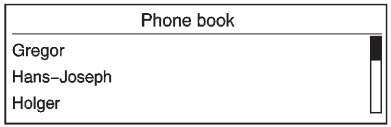
To connect to a different paired mobile phone, the new mobile phone must be in the vehicle and available to be connected to the UHP system before the process is started.

To connect to a different phone:

1. Press the CONFIG button.
2. Select Phone Settings, or touch Phone on a navigation radio.
3. Select Bluetooth.
4. Select Device List.
5. Select the new mobile phone to be linked to and follow the on screen prompts.

If delete is selected, the highlighted mobile phone will be deleted.

Making a Call Using Phone Book and Call List



For mobile phones that support the phone book and call list features, the UHP system can use the contacts and call lists stored on the mobile phone to make calls. See the mobile phone manufacturer's user guide or contact your wireless provider to find out if this feature is supported by the mobile phone.

The time it takes to download the phone book and call list from the mobile phone to the UHP system can vary depending on the size of the phone book and call list stored on the mobile phone.

When a mobile phone supports the phone book and call list features, the Phone Book, and Call Lists menus are automatically available.

The Phone Book menu allows you to access the phone book stored in the mobile phone to make a call.

The Call Lists menu allows you to access the phone numbers from the Incoming Calls, Outgoing Calls, and Missed Calls menus on the mobile phone to make a call.

To make a call using the Phone Book menu:

1. Press the PHONE button twice, or press the PHONE button once on vehicles with a navigation system.
2. Select Phone Book.
3. Search through the list by selecting the letter group the phone book entry begins with, to continue scrolling through the entire list, turn the Tune/Menu knob.
4. Select the name or number to call.

To make a call using the Call Lists menu:

1. Press the PHONE button twice, or press the PHONE button once on vehicles with a navigation system.
2. Select Call Lists.
3. Select the Incoming Calls, Outgoing Calls, or Missed Calls list.
4. Select the name or number to call.

Making a Call

To make a call:

1. Press the PHONE button twice, or press the PHONE button once on vehicles with a navigation system.
2. Select Enter Number for vehicles without a navigation system.
3. Select the numbers to be dialled. For vehicles with a navigation system, touch the numbers on the infotainment screen. For vehicles without a navigation system, see “Entering a Character Sequence” in for more information.
4. Select Call to start dialling the number.

Accepting or Declining a Call

When an incoming call is received, the infotainment system mutes and a ring tone is heard in the vehicle.

To accept the incoming call, turn the knob to “Answer” and press or press the button on the steering wheel controls.

To decline the incoming call, turn the knob to “decline” and press or press the button on the steering wheel controls.

Call Waiting

For call waiting to function, it must be supported on the mobile phone and enabled by the wireless service carrier.

To accept the incoming call, turn the knob to "Answer" and press or press the button on the steering wheel controls.

To decline the incoming call, turn the knob to "Decline" and press or press the button on the steering wheel controls.

1. Press the PHONE button.
2. Select Switch Call from the menu.

Conference Calling

For conference calling and three-way calling to function, they must be supported on the mobile phone and enabled by the wireless service carrier.

To start conference calling while in a call:

1. Press the knob and select Enter Number.
2. Enter the character sequence then select call.
3. After the call has been placed, press the knob and choose Merge Calls.
4. To add more callers to the conference call, repeat steps 1 through 3. The number of callers that can be added are limited by the wireless service carrier.

To disconnect from one caller while in a conference call, select Detach Number from the menu and select the number to hang up on.

Ending a Call

Press the knob and select Hang Up, or press the button on the steering wheel controls.

To Mute a Call

Press the knob and select Mute Call.

To Cancel Mute

Press the knob and select Mute Call.

Dual Tone Multi-Frequency (DTMF) Tones

The UHP system can send numbers during a call. This is used when calling a menu driven phone system.

To access this system:

1. Press the knob and select Enter Number.
2. Enter the character sequence.

Operating UHP Using Voice Control

The voice control of the UHP system enables you to operate several functions of the mobile phone using your voice. The UHP system uses voice commands to

control the system and dial phone numbers. After input of the command the infotainment system guides you through the dialogue with appropriate questions and feedback to achieve the desired action. The commands and numbers can be spoken without a pause between the individual words.

In addition you can save telephone numbers under a name tag that is selectable by you. The telephone connection can be set up with this name.

In the event of incorrect operation or incorrect codes, the voice control gives you voice feedback and requests you to re-enter the desired command. Apart from this, the voice control acknowledges important commands and will ask if necessary.

In order that calls are made inside the vehicle do not lead to unintentional triggering of the mobile phone, the voice control does not start until it has been activated.

Activating the Voice Control

For vehicles without a navigation system, press the button on the steering wheel to activate the voice control of the UHP system.

For vehicles with a navigation system, press the button on the steering wheel to activate the voice control of the UHP system The system responds with a tone. After the tone, say ”Phone.“

For the duration of the dialogue any audio source that is active is muted and any traffic news fade-in is cancelled.

Adjusting the Volume for Voice Output

Turn the volume knob of the Infotainment system or press the + / - buttons on the steering wheel.

Cancelling Dialogue

There are various possibilities of deactivating the voice control and cancelling the dialogue:

- Press the button on the steering wheel controls.
- Enter the command “Cancel.”
- Do not enter a command for some time.
- The command is unrecognised after three tries.

Main Menu Commands

The UHP system has a set of main menu commands that are available when voice control is first started. After the voice control is activated, a short tone indicates that the voice control system is waiting for a command.

Available commands:

- “Dial”
- “Call”
- “Re-dial”

- “Save”
- “Delete”
- “Directory”
- “Pair”
- “Select device”
- “Voice feedback”
- “Help”
- “Cancel”

Frequently Used Commands

Here is a list of frequently used commands:

- “Help”: the dialogue is terminated and all commands available in the current context are enumerated.
- “Cancel”: the voice control is deactivated.
- “Yes”: a suitable action is triggered depending on the context.
- “No”: a suitable action is triggered depending on the context.

Voice Feedback

Each voice input is answered or commented on by the infotainment system by way of a voice output that is adapted to the situation.

To switch the voice output on or off, enter “Voice feedback” or press the button.

Pairing, Saving, or Deleting Phone From Device List

With the command “Pair” a mobile phone can be saved to or deleted from the device list of the UHP system. A device number will be assigned by the UHP system to the mobile phone when it is paired.

Available commands:

- “Add”
- “Delete”
- “Help”
- “Cancel”

Example of a dialogue

User: “Pair.”

Voice output: “Do you want to add or delete a device?”

User: “Add.”

Voice output: “Using the pair function in the external device, enter <1234> to pair.”

(At this time, start the pairing process on the mobile phone that will be paired to the vehicle. Refer to the mobile phone manufacturer's user guide for information on this process. Locate the device named UHP followed by a four-digit number in the list on the mobile phone and follow the instructions on the mobile phone and enter the four-digit code provided by the system.)

Voice output: “Do you want to pair the device?”

User: “Yes.”

Voice output: “Paired, ending session.”

Selecting Phone from Device List

The “Select device” command can be used to select a different paired mobile phone. The UHP system asks for a device number that was assigned by the UHP system to the mobile phone when it was paired.

Example of a dialogue

User: “Select device.”

Voice output: “Please, say a device number to select.”

User: “device number.”

Voice output: “Do you want to select the device number “device number.”

(The device name appears on the infotainment display screen)

User: “Yes.”

Voice output: “One moment please, the system searches for the selected device.”

Voice output: “Device number “device number” is selected, ending session.”

Telephone Number Dialling

After the “Dial” command, the voice control requests input of a number.

The telephone number must be spoken in your normal speech without any artificial pauses between the numbers.

Recognition is best, if a pause of at least half a second is made after every three to five digits. The infotainment system then repeats the numbers recognised.

Available Commands:

- “Dial”: the inputs are accepted.
- “Digit”: a numeric value between “0-9” is entered.
- “Delete”: the number last entered or the block of numbers last entered is deleted.
- “Plus”: a preceding “+” is entered for a call abroad.
- “Verify”: the inputs are repeated by the voice output.
- “Asterisk”: an asterisk “*” is entered.
- “Hash”: a hash character “#” is entered.
- “Pause”: a pause is entered into the character sequence.
- “Help”
- “Cancel”

The telephone number entered can have a maximum length of 25 digits.

To be able to make a call abroad you can say the word “Plus” (+) at the beginning of your number. The plus allows you to call from any country without knowing the prefix for calls made abroad in that country. Then say the required country code.

Example of a dialogue

User: “Dial.”

Voice output: “Please, say the number to dial.”

User: “Plus four nine.”

User: “Seven three one.”

Voice output: “Seven three one.”

User: “One one nine nine.”

Voice output: “One one nine nine.”

User: “Dial.”

Voice output: “The number is being dialled.”

Making a Call Using Name Tag

When the “Call” command is used, a telephone number is entered that has been stored in the telephone book as a name tag.

Available commands:

- “Yes”
- “No”
- “Help”
- “Cancel”

Example of a dialogue

User: “Call.”

Voice output: “Please, say the name tag to call.”

(for name tag information, see “Saving a Name Tag” later in this section)

User: ”Name tag.“

Voice output: “Seven three one.”

User: “Yes.”

Voice output: “Calling.”

Starting a Second Call

Press the button to start a second call during an active telephone call.

Available commands:

- “Send”: activate manual DTMF (touch-tone dialling), e.g. for voice mail or telephone banking.
- “Send name tag”: activate DTMF (touch-tone dialling) by entering a name tag.
- “Dial”
- “Call”
- “Re-dialling”
- “Help”
- “Cancel”

Example of a dialogue

User: Press the button if a telephone call is active.

User: “Send.”

Voice output: “Please, say the number to send.”

(for number input information, see the dialogue example for “Making a Call Using a Telephone Number” earlier in this section)

User: “Send.”

Re-dialling

The “Re-dialling” command re-dials the last number dialled .

Saving a Name Tag

The “Save” command is used to store a telephone number in the telephone book under as a name tag.

The name entered must be repeated once. The pitch and pronunciation must be as identical as possible for both name inputs, otherwise the voice control will reject the inputs.

A maximum of 50 name tags can be stored in the telephone book.

Name tags are speaker-dependent, i.e. only the person who recorded a name tag can open it. To avoid the start of the recording of a saved name from being cut off, a short pause should be left after an input request.

To be able to use the name tag independently of the location, i.e. including other countries, all telephone numbers should be entered with a “plus” character and a country code.

Available commands:

- “Save”: the inputs are accepted.
- “Re-dialling”: the last input is repeated.
- “Help”
- “Cancel”

Example of a dialogue

User: “Save.”

Voice output: “Please, say the number to save.”

User: Say number to save.

(for number input information, see the dialogue example for “Making a Call Using a Telephone Number” earlier in this section)

User: “Save.”

User: “Name Tag” (give name tag).

Voice output: “Please, repeat the name tag to confirm.”

User: “Name Tag”

Voice output: “Saving the name tag.”

Deleting a Name Tag

The “Delete” command is used to delete a previously saved name tag.

Available commands:

- “Yes”
- “No”
- “Help”
- “Cancel”

Listening to Stored Name Tags

The “Directory” command is used to listen to all stored name tags .

Available commands:

- “Call”: the telephone number of the voice tag last read aloud is selected.
- “Delete”: the entry of the voice tag last read aloud is deleted.

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✍ NOTES

A

Adjusting Ring Tones 74
AM 31
AM-FM Radio 20, 25
Antenna
  Multi-band 31
Audio Players 31, 34
  CD 31, 34
Audio Settings 8
Audio System 69
  Diversity Antenna System 31
  Fixed Mast Aerial 31
  Radio Reception 30
  Theft-Deterrent Feature 3
Auxiliary
  Devices 38, 41

B

Bluetooth 68, 71, 75
Bluetooth Controls 68
Bluetooth® 71
Bluetooth® Connection 72

C

Cancelling Voice Recognition 68
CD Player 31, 34
Changing Security Settings 74
Cleaning the Display 20
Configure Menu 59
Configuring Network Services . . . 75
Connecting and Controlling a
  PlaysForSure Device (PFD)
  or Zune® 39
Connecting and Controlling a
  USB Drive 40
Connecting and Controlling
  an iPod® 38
Connecting Mobile Phone
  Saved in Device List 74
Control Buttons 32
Controls 6

D

Database Coverage
  Explanations 67
Deleting Personal Information . . . 20
Destination Menu with Route
  Guidance Active 57
Destination, Navigation 51
Detailed Areas 48
Devices
  Auxiliary 38, 41
Digital Audio Broadcasting 23
Display Settings 63
Driving on a Route 50

E

End User Licence 86
English and Metric Unit
  Conversion 20
Error Messages 37

F

Finding a Station 27
FM 30

G

General Information 71, 75
Global Positioning
  System (GPS) 65

H

Home Page 15
Home Page Features 17

I

Infotainment 3
Infotainment Control Buttons 14
Inserting a CD 32

L

Languages 19, 60
Loading and Ejecting Discs 34

M

Map Adjustments 47
Map Data Updates 67
Map Scales 47
Maps 48
Menu
  Configure 59
Menu System 6
Messaging Functions 70
Mixed-Band Presets 29
Mobile Phone Usage 31
Multi-band Antenna 31

N

Navigation
  Destination 51
  Symbols 48
  Using the System 45
Navigation Audio System 26
Navigation Settings 61
Navigation Settings Button 61

O

Operating UHP Using Voice
  Control 81
Operation 8, 69, 71
Other Information 70, 75
Overview, Infotainment
  System 3, 11

P

Pairing 77
Phone
  Bluetooth 68, 71, 75
Phone Settings 61
Photo Viewer 64
PIN 74
Playing a CD or MP3 CD 32
Playing an Audio CD 34
Playing an MP3 CD 36
Playing from a USB 41
Playing from an iPhone® 45
Playing from an iPod® 43
Playing the Radio 20, 25
Problems with Route
  Guidance 66

R

Radio Data System (RDS) 30
Radio Menus 21
Radio Settings 61
Radios
  AM-FM Radio 20, 25
  Reception 30
RDS (Radio Data System) 21
Receiving Calls 70
Removing a CD 32
Removing Mobile Phone from
  Device List 74
Reset Phone to Factory
  Settings 75

S

Scroll Features 48
Selecting a Band 21
Selecting a Station 21
Storing a Station as a Favourite 24
Storing Radio Station Presets . . . 29
Symbols, Navigation 48
System Infotainment 3
System Needs Service, If 67
System Settings 9

T

Telephone Connection 71
Time and Date Settings 60
Turning the System On or Off 6

U

UHP Controls 75
Updates Map Data 67
USB Port 38
Using the 3.5 mm (1/8 in) Auxiliary Input Jack 38
Using UHP with Infotainment Controls 77
Using Voice Recognition 67

V

Vehicle Positioning 66
Vehicle Settings 63
Voice Recognition 67, 69
Volume Control 6

✍ NOTES

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